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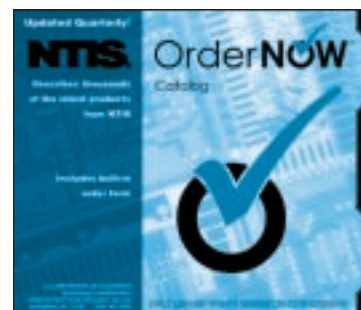
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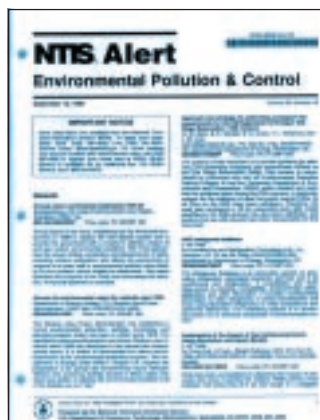
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Questel-Orbit, Inc.	1-800-456-7248
SilverPlatter Information, Inc.	1-800-343-0064
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CHAMPUS

CHAMPUS Ready Action Information System (CRAIS) (on CD-ROM)

Office of Civilian Health and Medical Program of the Uniformed Services, Aurora, CO.
Dec 97 1 CD-ROM

Contains the complete CHAMPUS Policy Manual; CHAMPUS Operations Manual - Fiscal Intermediary, and CHAMPUS Maximum Allowable Charge Pricing File. Searching software makes it easy to find any pricing data or section, chapter, phrase, or paragraph in any of the files. Assists health care providers and beneficiaries in locating information on CHAMPUS benefits and reimbursement methodology for claims adjudication. CRAIS is searchable by state, military treatment facility, catchment area, ZIP code, or directly by locality number.



Specifications

Contains search and retrieval software. A personal computer with a 386 CPU or higher running Windows 3.1 with 8 MB of RAM is required. Search software copyright Frame Technology Corporation.

Ordering Information

Available on subscription (A) single user \$350; (B) 2-5 concurrent users \$475; and (C) 6-20 concurrent users \$625. Issued monthly. Single issues also available: (A) single user \$70; (B) 2-5 concurrent users \$95; and (C) 6-10 concurrent users \$125. Prices outside the U.S., Canada and Mexico are the same as the U.S. price. The datafile is on one disc.

Order number SUB-5270CFK.

Drug Enforcement Administration

Drug Enforcement Administration (DEA) Registration File – Active (on CD-ROM)

Global Internet Management, Bala Cynwyd, PA.
7 Jul 97 CD-ROM

This file includes registration information with the DEA registration number and drug codes. Controlled Substances Act registration records consist of records maintained on these categories of individuals registered under the Controlled Substance Act (includes registrants doing business under their own name rather than a business name): physicians and related practitioners; dentists; veterinarians; persons conducting research with controlled substances; importers of controlled substances; exporters of controlled substances; manufacturers of controlled substances; distributors of controlled substances; pharmacies. The file is updated in March, June, September, and December each year. This CD-ROM package includes a software program with search and retrieval capabilities, an installation program to install the system into a hard disk drive, and a Quick-Start Guide for your convenience.

Specifications

Hardware requirements: IBM-compatible (Windows 3.1) 386DX-40 or faster microprocessor and a CD-ROM drive (2X or faster). The datafile is on one disc.

Ordering information

Available on subscription: (A) single user \$900 for U.S., Canada, and Mexico; \$1,800 for all others; (B) 2-5 concurrent users, \$2,400/\$4,800; and (C) unlimited concurrent users, \$4,800/9,600. Issued quarterly. Single issues also available, price \$1,200. Note: Magnetic tape version also available (CMS operating system; approximate bytes: 174,853,200). Order number SUB-5271CFK.

Order number SUB-5331CFK.

Eldercare Issues

Recognition and Initial Assessment of Alzheimer's Disease and Related Dementias. Clinical Practice Guideline Number 19; Early Identification of Alzheimer's Disease and Related Dementias. Quick Reference Guide for Clinicians Number 19; Early Alzheimer's Disease, Consumer Version. Patient and Family Guide.

Agency for Health Care Policy and Research, Rockville, MD, Center for Research Dissemination and Liaison.

Nov 96 200p

This guideline is intended to help primary care providers recognize and assess Alzheimer's disease and related dementias in the early stages. Recognition of early-stage dementia may offer substantial benefits — i.e., early treatment which may postpone the years of suffering caused by the physical and mental devastation of this disease; and more time for the patient and family to address issues of financial, legal, and medical care planning.

Ordering Information

Order number PB97-133631CFK, \$38.

Outside U.S., Canada, Mexico \$76.



Food and Drug Administration

FDA Compliance Policy Guides Manual, August 1996

Food and Drug Administration, Rockville, MD, Office of Regulatory Affairs
Aug 96 454p

This manual provides an organized system for issuing, filling, and retrieving statements of FDA compliance policy including those statements which contain regulatory action guidance information. Provides various policy statements on foods, cosmetics, medical devices, drugs, biologics, radiological health, inspectional guidance, regulatory affairs, interagency agreements, and memoranda of understanding with federal, state, and foreign governments.

Ordering Information

Order number PB96-915499CFK, \$57.

Outside U.S., Canada, Mexico \$114.

FDA Compliance Policy Guides Manual Updates.

Order number PB97-915400CFK.

Paper copy available as an ongoing subscription. Authorization to charge a major credit card or NTIS deposit account required (Minimum deposit \$175 U.S., Canada, and Mexico; all others \$350). Single copies also available.

Approved Drug Products with Therapeutic Equivalence Evaluations (for Microcomputers)

Food and Drug Administration, Rockville, MD, Center for Drug Evaluation and Research.

Sep 97 2 diskettes

This is the official listing required by Section 505 of the Food, Drug, and Cosmetic Act of all products approved by FDA on the basis of safety and effectiveness. It serves as a national reference for drug product selection and as a reimbursement guide for Medicaid, Medicare, and DOD drug purchase programs. It is also used nationally and internationally as a standard for formulary development; as a reference source for determinations of those drugs for which an abbreviated new drug application can be submitted; and as a reference source for patent/exclusivity data.

Specifications

This product contains text only. Customers must provide their own search and retrieval software. The datafile is on two 3.5 inch DOS diskettes, 1.44M high density. File format: ASCII text.

Ordering information

Issued quarterly. Available on subscription for \$388; Outside the U.S., Canada, and Mexico is \$776. Single issues also available, price \$97; outside U.S., Canada, and Mexico, \$194.

Order number SUB-5159CFK.

FDA Drug and Device Products Approval List (for Microcomputers)

Food and Drug Administration, Rockville, MD, Center for Drug Evaluation and Research.

1997 1 diskette

Official monthly FDA listing of approval data from the following centers: Drug Evaluation and Research; Biologics Evaluation and Research; Veterinary Medicine; and Devices and Radiological Health. The report includes: approval data for original and supplemental new drug applications; original abbreviated new drug applications; labeling supplements to original NDAs; approvable original NDAs; biological product licenses issued; biological product device approvals; premarket approval applications for medical devices; premarket approval supplemental applications for medical devices; and original and supplemental veterinary new animal drug applications.

Specifications

This product contains text only. Customers must provide their own search and retrieval software. The datafile is on one 3.5 inch DOS diskette, 1.44M high density. File format: ASCII text.

Ordering information

Available on subscription for \$660; price outside U.S., Canada, and Mexico is \$1,320. Issued monthly.

Single issues also available, price \$66; outside U.S., Canada, and Mexico \$132.

Order number SUB-5383CFK.

Food Code, 1997 - Recommendations of the United States Public Health Service Food and Drug Administration. (Spiral Bound)

Food and Drug Administration, Rockville, MD.
1997 Approx. 425p

In the late 1980s, the Public Health Service led a nationwide effort to develop a national strategy for improving the health of the American people over the coming decade. The results of this effort was a set of objectives for the year 2000. One specific objective under the priority to ensure food safety, was updating the food safety laws of the U.S. The first step under this objective was the issuance of a new model food code based on advances in science and reflective of new technologies. This edition of the Food Code provides additional clarification and will further facilitate processes for improving food laws.

Ordering Information

Order number PB97-133656CFK. Please call NTIS (703) 487-4650 for price and availability.

Diskette, Order Number PB97-501274CFK.

Health Care Financing Administration

Health Care Financing Administration's (HCFA's) Laws, Regulations, and Manuals (on CD-ROM)

Health Care Financing Administration, Washington, DC.
Jul 97 CD-ROM

The Health Care Financing Administration oversees the Medicare and Medicaid programs and related federal medical care quality control programs. The laws and regulations contained in the databank are all of the legislative and executive authorities that establish the programs administered by HCFA. The manuals provide policies and procedures developed for implementation of the mandate given HCFA. These manuals aid providers of health care services, such as hospitals, physicians, nursing homes, and contractors in processing claims.

Specifications

System: IBM-compatible; MS DOS 3.1 or later operating system. 640 KB RAM. CD-ROM drive with Microsoft MD-DOS CD-ROM extensions version 2.0 or later.

Includes user instructions. The datafile is on one disc.
Data format: ISO 9660.

Ordering Information

Available on subscription, U.S., Canada, and Mexico price \$246; price for others \$492. Issued monthly. Also available individually, price \$28.

Order number SUB-5258CFK.

Long Term Care Facility Resident Assessment Instrument (RAI) User's Manual for Use with Version 2.0 of the Health Care Financing Administration's Minimum Data Set, Resident Assessment Protocols and Utilization Guidelines

Health Care Financing Administration, Baltimore, MD
Oct. 95 428 p

The table of contents includes: Overview; Using the RAI; Statutory and Regulatory Requirements and Suggestions for Integration in Clinical Practice; Minimum Data Sets (MDS) Items (Identification Information, Background Information At Admission, Minimum Data Set for Nursing Home Resident Assessment and Care Screening (MDS)); Procedures for Completing the Resident Assessment Protocols (RAPs); Linking Assessment to Individualized Care Plans.

Ordering information

Order number PB96-109053CFK, \$57.

Outside the U.S., Canada, and Mexico \$114.

Manual for Federally Qualified Health Maintenance Organizations (Title 13, Public Health Service Act). Revisions. HCFA/PUB-77

Health Care Financing Administration, Baltimore, MD.
1997 open series

Provides the operating rules and procedures for health maintenance organizations which are applying for qualification under the Public Health Service Act. It provides general information about federal qualification; federal/state relationships; financial requirements of federally qualified HMOs; financial incentive and risk arrangements; and aspects of the law that relate to HMO interactions with employers and employer contributions.

Ordering Information

Order number PB97-956100CFK.

Paper copy available as an ongoing subscription.
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Basic report available as PB90-956199CFK.

Medicare Health Maintenance Organization/Competitive Medical Plan Manual. HCFA PUB 75. Revisions

Health Care Financing Administration, Baltimore, MD.
1997 Open series

This manual provides the operating rules and procedures for health maintenance organizations and competitive medical plans which enter into contracts with the Health Care Financing Administration to provide health services on a prepayment basis to Medicare beneficiaries under Section 1876 of Title 18 of the Social Security Act.

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Medicare Skilled Nursing Facility Manual. HCFA PUB 12. Revisions

Health Care Financing Administration, Baltimore, MD,
1997 open series

The Skilled Nursing Facility Manual delineates providers' responsibilities for claims submitted on behalf of Medicare beneficiaries. Includes claims information required for services to be covered under the program.

Ordering Information

Order number PB97-954900CFK.

Paper copy available as an ongoing subscription. Credit card or NTIS deposit account is required. Contact the NTIS Subscriptions Department at (703) 487-4630 for pricing.

Basic report available as PB96-954999CFK.
Single copies also available.

Health Care Finance

Collection of Best Practices of Managed Care Organizations. The Results of a Survey by the Health Care Financing Administration Office of Managed Care.

Health Care Financing Administration, Washington, DC,
Division of Policy and Evaluation.
1996 132p

HCFA performed this study to identify, document and disseminate practices of some managed care organizations that observers judged to be especially effective. MCOs were broadly defined as organizations that integrate the financing and delivery of health care. The activities model depicts a viable MCO as one providing cost-effective and appropriate services resulting in both optimal clinical outcomes and satisfied members and providers.

Ordering Information

Order number PB96-189279CFK, \$31.
Outside U.S., Canada, Mexico \$62.

Pediatric Preventive Care Incentives in a Medicaid HMO. Abstract, Executive Summary and Final Report.

Pennsylvania University, Philadelphia. Sponsored by Agency for Health Care Policy and Research, Rockville, MD.
30 Sep 96 27p

This randomized controlled trial assessed the impact of feedback and financial incentives on physician compliance with pediatric preventive care guidelines in Medicaid MCOs. Fifty-three primary care sites were assigned to one of three study groups: feedback reports and financial incentives, feedback reports only, or control (no feedback or financial incentive).

Ordering Information

Order number PB97-136048CFK, \$19.50.
Outside U.S., Canada, Mexico \$39.

National Correct Coding Policy

National Correct Coding Policy Manual for Part B Medicare Carriers. 1st Quarter Edition, 1997

Health Care Financing Administration, Washington, DC,
Division of Policy and Evaluation.
Jan 97 306p

NTIS is HCFA's authorized distributor of this manual. Version 3.1 incorporates into the previous edition (Version 3.0) all code changes instituted by HCFA through March 31, 1997. To ensure full and appropriate compensation when filing claims for April 1 to June 30, 1997, providers should use the codes contained in this new edition. Each chapter is organized by CPT coding for medical procedures and services, except Chapter I which covers general correct coding policies. All chapters and the manual also include HCPCS Level II codes under Part B Carriers' jurisdiction. **Note:** Physicians' Current Procedural Terminology offers a complete listing of descriptive terms to all codes. To order this book, call the American Medical Association at 1-800-621-8335.

Note: You can subscribe to the manual or any of its single chapters. Credit card or NTIS deposit account is required. Contact the NTIS Subscriptions Department at (703) 487-4630 for pricing.

Ordering Information

Order number PB97-957602CFK, \$65.
Outside U.S., Canada, Mexico \$130.

National Correct Coding – ASCII Text. National Correct Coding Policy Manual for Part B Medicare Carriers (for Microcomputers). Single Issue

Health Care Financing Administration, Washington, DC,
Division of Policy and Evaluation.

Price based on number of issues. Updated approximately four times a year. Approximate annual price is \$560; price outside the U.S., Canada, and Mexico is \$1120.

Specifications

This product contains text only. Customers must provide their own search and retrieval software. One 3.5 inch DOS diskette, 1.44M high density.

Ordering Information

Order number PB97-594081CFK, \$140.
Outside U.S., Canada, Mexico \$280.

National Correct Coding – CD-ROM with Search Capabilities. National Correct Coding Policy Manual for Part B Medicare Carriers (on CD-ROM). Single Issue

Health Care Financing Administration, Washington, DC,
Division of Policy and Evaluation.

Price based on number of issues. Updated approximately four times a year. Approximate annual price is \$352.

Specifications

One CD-ROM. Contains search and retrieval software.

Ordering Information

Order number PB97-594071CFK, \$88.
Outside U.S., Canada, Mexico \$176.

National Library of Medicine

Grateful Med

National Library of Medicine, Bethesda, MD.
1997 3 diskettes

NLM developed Grateful Med to enable easy, inexpensive access to the Library's vast collection of medical and health science information. Available databases include: MEDLINE; AIDSLINE, AIDSDRUGS, and AIDSTRIALS; BIOETHICSLINE; CATLINE; AVLINE; CHEMLINE and ChemID; HEALTH; CANCERLIT; DIRLINE; and other MEDLARS databases. Grateful Med provides the complete Medical Subject Headings (MeSH) index, allowing greater precision in subject searches. Users receive a bimonthly newsletter and software upgrades free of charge.



Ordering Information

Grateful Med Macintosh Version 2.3

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List of Serials Indexed for Online Users, 1997

Dec 96 295p

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Outside U.S., Canada, Mexico \$53.

Medical Subject Headings – Annotated Alphabetic List, 1997

Aug 96 1357p

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Order number PB97-964801CFK, \$47.50.
Outside U.S., Canada, Mexico \$95.

Medical Subject Headings – Tree Structures, 1997

Aug 96 947p

Ordering Information

Order number PB97-964901CFK, \$43.
Outside U.S., Canada, Mexico \$86.

Permuted Medical Subject Headings, 1997

Aug 96 583p

Ordering Information

Order number PB97-965101CFK, \$38.70.
Outside U.S., Canada, Mexico \$77.40.

Occupational Safety

NIOSH Criteria Documents (on CD-ROM)

National Institute for Occupational Safety and Health, Cincinnati, OH.
Apr 96 CD-ROM

This CD-ROM set contains the full text of all 142 Criteria Documents— Special Occupational Hazard Reviews, Occupational Hazard Assessments, and Joint Occupational Health Documents— issued by NIOSH through April 1996. Under the authority of the Occupational Safety and Health Act (29 USC 1900) and the Mine Safety and Health Act (30 USC 80), NIOSH develops and recommends criteria for preventing disease and hazardous conditions in the workplace. NIOSH recommended exposure limits (RELs) are examples of such criteria.

Specifications

Contains search and retrieval software. Can be used with Windows version 3.1, 3.11, or Windows 95; however, at least a 386DX 33MHz with a 2X CD-ROM drive is recommended; approximately 5 MB free disk space is required to load Pundit search software. The datafile is on two discs. Documentation included; not available separately.

Ordering Information

Order number PB97-500375CFK, \$60.
Outside U.S., Canada, Mexico \$120.

Public Health Topics

ABCs of Safe and Healthy Child Care. A Handbook for Child Care Providers

Centers for Disease Control and Prevention, Atlanta, GA.
1996 150p

This handbook will help you maintain a safe and healthy child care setting. Contains up-to-date information on the following topics: How infectious diseases are spread; What you can do to keep yourself and the children in your care healthy; Disease and injury prevention practices; and Common childhood diseases and health conditions.

Ordering Information

Order number PB97-104723CFK, \$19.
Outside U.S., Canada, Mexico \$38.

Guideline for Prevention of Intravascular Device-Related Infections

Centers for Disease Control and Prevention, Atlanta, GA.
1997 34p

This document focuses largely on the epidemiologic pattern, pathogenesis, diagnosis, and preventive strategies for infections associated with the intravascular devices most commonly used in health care settings. Devices include peripheral venous and arterial catheters, central venous and arterial catheters, peripherally-inserted central venous catheters, and pressure monitoring systems.

Ordering Information

Order number PB97-130074CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

Low Back Pain - Outcomes and Efficiency of Care. Abstract, Executive Summary, Final Report, and Appendices A, B, C, and D

North Carolina University at Chapel Hill. Sponsored by Agency for Health Care Policy and Research, Rockville, MD. Center for Research Dissemination and Liaison. 1996 62p

This project examined two major research questions over a four-year period: What kinds of health care providers do people with low back pain seek out? What diagnostic and therapeutic strategies do practitioners use in evaluating and treating outpatients with acute low back pain? The authors discuss various strategies among practitioners, and effectiveness and cost effectiveness of different diagnostic and therapeutic techniques.

Ordering Information

Order number PB96-133954CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

Natural History of Blood Lead Levels and Effect of Clinic-Based Intervention. Abstract, Executive Summary and Final Report

Children's Memorial Hospital, Chicago, IL. Sponsored by Agency for Health Care Policy and Research, Rockville, MD. 1996 45p

Objective of this study was to describe the natural history of blood lead levels less than 25/ug/dL and evaluate the effectiveness of clinic-based interventions directed toward similar children. Setting was three inner-city clinics. Study was a retrospective medical record review of children aged 6 months to 5 years with this BLL in July-December of 1989 (Cohort 1) and in 1992 (Cohort 2).

Ordering Information

Order number PB97-118855CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

Social Security Administration

Hearings, Appeals and Litigation Law Manual, (HALLEX) (for Microcomputers)

Social Security Administration, Falls Church, VA, Division of Policy and Planning. Sep 96 3 diskette

HALLEX conveys principles and procedural guidance to SSA staff. Includes policy statements resulting from Appeals Council meetings; defines procedures for carrying out policy; and provides guidance for processing and adjudicating claims at hearings, Appeals Council, and civil actions levels. HALLEX information covers: administrative law judge hearings, Appeals Council reviews, civil actions and temporary instructions that apply only for a limited time period, OHA Circuit Court case reports, and Appeals Council interpretations.

Specifications

The data file is on three 3.5 inch DOS diskettes, 1.44M high density. File format: Word Perfect 5.0. Files are compressed.

Ordering Information

Available on subscription. Order number SUB-5231CFK. \$388.
Outside the U.S., Canada, and Mexico \$776.
Issued quarterly. Single issues also available.

Statistics and Datafiles

HCUP-3 Nationwide Inpatient Sample (NIS) Release 3 Data, Documentation and Tools, 1994 (on CD-ROM)

Agency for Health Care Policy and Research, Rockville, MD. Dec 96 CD-ROM

HCUP-3 Release 3 approximates a 20 percent sample of U.S. community hospitals for 1994. It is drawn from 17 states and contains information on all inpatient stays from over 900 hospitals, totaling about 6.4 million records.

Specifications

Requires 4MB of memory; minimum 2MB of hard drive; minimum Windows 3.1 and Macintosh System 7; and is ISO 9660 compatible. Requires Adobe™ Acrobat™ Reader to view the documentation. The Windows version of the Reader is distributed with the product.

Ordering Information

Order number PB97-500433CFK, \$160.
Outside U.S., Canada, Mexico \$320.

Substance Abuse

Smoking Cessation – Clinical Practice Guideline No. 18; Smoking Cessation – Information Specialists, Quick Reference Guide for Smoking Cessation Specialists No. 18; Helping Smokers Quit – A Guide for Primary Care Clinicians; You Can Quit Smoking – Consumer Version, Clinical Practice Guideline No. 18

Agency for Health Care Policy and Research, Rockville, MD. Center for Research Dissemination and Liaison.

Apr 96 162p

Contains strategies and recommendations designed to assist clinicians, smoking cessation specialists, and health care administrators, insurers and purchasers in identifying tobacco users in supporting and delivering effective smoking cessation interventions.

Ordering Information

Order number PB96-183710CFK, \$35.
Outside U.S., Canada, Mexico \$70.

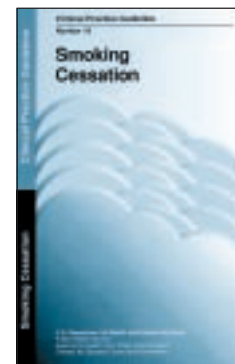
Smoking Cessation – Guideline Technical Report No. 18

Agency for Health Care Policy and Research, Rockville, MD. Oct 96 656p

Documents the development of the clinical practice guideline, Smoking Cessation, published in April 1996.

Ordering Information

Order number PB97-104699CFK, \$85.
Outside U.S., Canada, and Mexico \$170.



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Order number SUB-9068CFK, \$175 per year. Outside U.S., Canada, and Mexico \$245. Call the NTIS Subscriptions Department at (703) 487-4630.

Best Sellers

ACCESS EPA - Organizational Overview, Public Information Tools, Library and Information Services, Major EPA Dockets, Records Management Programs, Clearinghouses and Hotlines, Electronic Resources, Models. 1995/96 Edition

Environmental Protection Agency, Washington, DC.
Office of Information Resources Management.
1995 431p

ACCESS EPA is a comprehensive directory of EPA's major information resources and services such as clearinghouses, hotlines, databases, libraries, and dockets. Each entry includes an abstract describing the resource, contact, and ordering information. This edition has been revised to include only EPA information. In addition to several dozen new entries, the remaining 200 or so have been completely updated. Paper copy only.

Ordering Information

Order number PB95-255782CFK, \$28.
Outside U.S., Canada, Mexico \$56.

Automated Waste Classification Software (WasteCat) (for Microcomputers)

California Environmental Protection Agency, Sacramento. Office of Scientific Affairs.
1995, two diskettes

California's Department of Toxic Substance Control, Office of Scientific Affairs, has developed a computer automated system to help generators, the regulated community, and regulatory agencies determine the proper classification of potentially hazardous waste. Properly classifying a waste is the first critical step of hazardous waste management.

Specifications

The software is on two 3.5 inch diskettes,
1.4M high density.

Ordering Information

Order number PB95-504205CFK, \$65.
Outside U.S., Canada, Mexico \$130.

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Compilation of Air Pollutant Emission Factors. Volume 1. Stationary Point and Area Sources. Fifth Edition

Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards.
Jan 95 2050p

This document contains emission factors and process information for more than 200 air pollution source categories. These emission factors have been compiled from source test data, material balance studies, and engineering estimates. Particle size distribution data and procedures for sampling and analyzing surface/bulk dust loading are also included.

Ordering Information

Order number PB95-196028CFK, \$193.
Outside U.S., Canada, Mexico \$386.

Environmental Monitoring Methods Index (EMMI), Version 2.0 (Single User) (for Microcomputers)

Environmental Protection Agency, Washington, DC
Office of Science and Technology
Jul 95, four diskettes

The EPA's Environmental Monitoring Methods Index software assists users in comparing and evaluating analytical methods applicable to environmental pollutants. EMMI Version 2.0 contains more than 3,400 abstracts of analytical methods including all EPA, NIOSH, and DOE methods and many from state governments and universities. Contains search and retrieval software. More information is available by fax by calling (703) 487-4140 and asking for product code 8482.

Ordering Information

Order number PB95-501748CFK, \$385.
Outside U.S., Canada, Mexico \$485.

Prices quotes are for Single User: For others, call NTIS Sales Desk (703) 487-4650 for LAN prices.

Exposure Factors Handbook, June 1995

Versar, Inc., Springfield, VA. Exposure Assessment Div.; Environmental Protection Agency, Washington, DC. Office of Health and Environmental Assessment.
Jun 95 798p*

This document is a summary of the available data on various factors used in assessing human exposure to contaminants including drinking water consumption; consumption rates of broad classes of food including fruits, vegetables, beef, dairy products, and fish; soil ingestion; inhalation rate; skin area; lifetime; activity patterns; body weight; consumer product use; and reference residence. The basic equations using these parameters to calculate exposure levels also are provided.

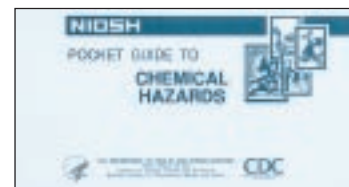
Ordering Information

Order number PB95-252532CFK, \$92.
Outside U.S., Canada, Mexico \$184.

NIOSH Pocket Guide to Chemical Hazards

National Inst. for Occupational Safety and Health, Cincinnati, OH.
Division of Standards Development and Technology Transfer.
Jun 94 457p

This guide is intended as a source of general industrial hygiene information for workers, employers, and occupational health professionals. It presents key information and data in abbreviated tabular form for 677 chemicals or substance groupings found in the work environment. For further information, call NTIS Fax Direct (703) 487-4140 and ask for product code 8483.



Ordering Information

Order number PB95-100368CFK, \$14.
Outside U.S., Canada, Mexico \$28.

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NTIS' extensive environmental collection is used by customers in industry to comply with regulatory requirements. Environmental consultants and remediation contractors make use of its latest technology and methods. State and local regulators implement its programs. Researchers access its new studies and federal data. The environmental collection contains critical and useful reports, studies, federal regulation and guidance, software and data covering air quality, hazardous waste, pesticides and toxic substances, solid waste, water quality, health effects, and risk assessment.

NTIS remains a major source for valuable EPA data on Superfund sites, generation and management of hazardous waste, wastewater management, toxic releases into the environment and related enforcement and compliance activity. Most EPA databases are available on a subscription basis and distributed on diskette, CD-ROM, or magnetic tape.

Remediation Technologies Screening Matrix and Reference Guide, Second Edition

Weston (Roy F.), Inc., West Chester, PA.; Environmental Protection Agency, Washington, DC. Technology Innovation Office.; Army Environmental Center, Aberdeen Proving Ground, MD. Environmental Technology Div.
Oct 94 540p

This guide is intended to be used to screen and evaluate candidate cleanup technologies for contaminated installations and waste sites in order to assist remedial project managers in selecting a remedial alternative. It incorporates cost and performance data to the maximum extent available and focuses primarily on demonstrated technologies. These technologies are applicable at all types of site cleanups: Superfund, DOD, DOE, RCRA, state, private, etc. This information is also available on CD-ROM. See page 17 for information.

Ordering Information

Order number PB95-104782CFK, \$57.
Outside U.S., Canada, Mexico \$114.

Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846) (Single User) (on CD-ROM)

Environmental Protection Agency, Washington, DC. Office of Solid Waste.
1995, one CD-ROM

An electronic version of this valuable manual from the Environmental Protection Agency, Office of Solid Waste, provides test procedures and guidance which are recommended for use in conducting the evaluations and measurements needed to comply with the Resource Conservation and Recovery Act, Public Law 94-580, as amended.



For additional information, call NTIS Fax Direct (703) 487-4140 and ask for product code 8698.

Specifications

For five users, unlimited user and resale, call NTIS at (703) 487-4808. The datafile is on one disc.
Format: ISO-9660. Contains search and retrieval software.

Ordering Information

Order number PB95-503249CFK, \$350.
Outside U.S., Canada, Mexico \$460.

Wetlands Research Program. Corps of Engineers Wetlands Delineation Manual

Army Engineer Waterways Experiment Station, Vicksburg, MS. Environmental Lab.
Jan 87 168p

This document presents approaches and methods for identifying and delineating wetlands for purposes of Section 404 of the Clean Water Act. It is designed to assist users in making wetland determinations using a multiparameter approach which provides a logical, easily defensible, and technical basis for wetland determinations. This approach requires positive evidence of hydrophytic vegetation, hydric soils, and wetland hydrology for a determination that an area is a wetland.

Original contains color plates: All reproductions will be in black and white.

Ordering Information

Order number AD-A176 734/2CFK, \$39.
Outside U.S., Canada, Mexico \$69.

General

Baseline Environmental Management Report, 1996. Executive Summary

Department of Energy, Washington, DC. Office of Environmental Management.
Jun 96 37p

The 1996 Baseline Report is based on current (as of late 1995) national and site-level assumptions regarding the actions or activities that are most likely to occur in the future. The report then estimates the costs of these actions or activities.

Ordering Information

Order number PB96-211057CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

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Environmental Compliance Audit Handbook (ECAH) – U.S. Fish and Wildlife Service (FWS)

Construction Engineering Research Lab. (U.S. Army), Champaign, IL.
Jul 96 1024p

The U.S. Fish and Wildlife Service has adopted an environmental compliance program that identifies compliance problems before they are cited as violations by EPA. Research for this handbook began in 1993 by the U.S. Army Construction Engineering Research Laboratories, in cooperation with FWS. The concept was to combine the Code of Federal Regulations along with good management practices and risk-management issues, into a series of checklists that show legal requirements and specific items or operations to review. This handbook is continually updated.

Ordering Information

Order number AD-A311 722/3CFK, \$116.
Outside U.S., Canada, Mexico \$232.

Information Collection Rule (ICR) Water Utility Database System, Release 1.1 (for Microcomputers)

Environmental Protection Agency, Cincinnati, OH. Office of Ground Water and Drinking Water.

Nov 96, six diskettes

The Information Collection Rule, developed by the Environmental Protection Agency in cooperation with the water industry and environmental groups, requires large public water systems to monitor and report results for microbial contaminants and disinfectant by-products. The software allows users to record and review data required to be reported, verifies that the data are correct, and reports the data in the required format.

Specifications

The software is on six 3.5 inch DOS diskettes, 1.44M high density. File format: Microsoft Access.

Ordering Information

Order number PB97-500490CFK, \$212.
Outside U.S., Canada, Mexico \$424.

Integrated Risk Information System (IRIS), (for Microcomputers)

Environmental Protection Agency, Washington, DC. Office of Health and Environmental Assessment.

Jul 97, nine diskettes

The Integrated Risk Information System provides information on how chemicals affect human health and is a primary source of EPA risk assessment information on chemicals of environmental concern. It serves as a guide for the hazard identification and dose-response assessment steps of EPA risk assessments. It makes chemical-specific risk information readily available to those who must perform risk assessments and also increases consistency in risk management decisions. There are currently over 450 chemicals in IRIS.

Specifications

The datafile is contained on four 3.5 inch DOS diskettes, high density. File format: ASCII. System: IBM-PC/AT.

Ordering Information

Order number PB97-591330CFK.

Available as an ongoing subscription service, major credit card or NTIS deposit account required. Price based on number of issues. Updated approximately four times a year. Approximate annual cost \$608; outside the U.S., Canada, and Mexico \$1,216. Single issues also available; Order number PB97-591331CFK.

Water Test Methods and Guidance from EPA (on CD-ROM)

U.S. Environmental Protection Agency

EPA's Office of Water has taken the initiative to provide its methods and guidance documents on CD-ROM. The CD-ROM contains more than 330 drinking water and wastewater methods and guidance from over 50 EPA documents including: MCAWW; Metals, Inorganic and Organic Substances in Environmental Samples; 40 CFR Part 136 Appendix A, B, C & D; 500, 600 and 1600 series; Whole Effluent Toxicity Methods.

Specifications

Contains search and retrieval software. Requires WINDOWS 3.1 or greater or Mac 68020 processor or greater.

Ordering Information

Order number PB97-501308CFK, \$60.
Outside U.S., Canada, Mexico \$90.

Hazardous Waste and Solid Waste

Characterization of Municipal Solid Waste in the United States – 1995 Update

Environmental Protection Agency, Washington, DC.
Office of Solid Waste and Emergency Response.
Mar 96 147p

This report is the most recent in a series of reports released by EPA characterizing municipal solid waste in the U.S. It includes information on MSW generation, recovery, and discards from 1960 to 1994; per capita generation and discard rates; residential/commercial portions of MSW generation; trends in MSW management, including recovery for recycling and composting, as well as combustion and landfilling, from 1960 to 1994; and more. Appendices include material flows methodology and recovery scenarios for the years 2000 and 2010.

Ordering Information

Order number PB96-152160CFK, \$31.
Outside U.S., Canada, Mexico \$62.

Environmental Factor™ System – RCRA Hazardous Waste Handler Information (on CD-ROM)

Olewine (Nancy B.) Co., New York.
1997 two CD-ROM

Environmental Factor RCRA Hazardous Waste Handler Information on CD-ROM offers invaluable information found in two key EPA data sources on hazardous waste handlers and offers cradle-to-grave waste tracking. For additional information, call NTIS Fax Direct (703) 487-4140 and ask for product code 8679.

Specifications

Contains search and retrieval software.
The datafile is on two discs.

Ordering Information

Order number PB97-593440CFK.

Available as an ongoing subscription. Major credit card or NTIS deposit account required. Price based on number of issues. Updated approximately three times a year. Approximate annual cost is \$2,250; price outside U.S., Canada, and Mexico is \$3,300. Single issues also available; order number PB97-593441CFK, price \$750; price outside U.S., Canada, and Mexico is \$1,100.

Guidance for Use of the Oil Spill Liability Trust Fund

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.
Feb 97 56p

This guidance document has been prepared to assist on-scene coordinators and financial management personnel in accessing and using the Oil Spill Liability Trust Fund in order to conduct oil pollution removal actions under Section 311(c) of the Clean Water Act and Section 1012 of the Oil Pollution Act of 1990, and fully accounting for OSLTF funds. Paper copy available as an ongoing subscription, major credit card or NTIS deposit account required. Single copies also available in paper copy or microfiche.

Ordering Information

Order number PB96-963255CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

Hazardous Air Pollutant Emissions from the Production of Flexible Polyurethane Foam. Basis and Purpose Document for Proposed Standards

Environmental Protection Agency, Research Triangle Park, NC.
Office of Air Quality Planning and Standards.
Sep 96 156p

This document contains memoranda providing rationale and information used to develop the Flexible Polyurethane Foam Production proposal package. The data and information contained in these memoranda were obtained through literature searches, industry meetings, plant visits, and replies to section 114 questionnaires sent to industry.

Ordering Information

Order number PB97-133987CFK, \$35.
Outside U.S., Canada, Mexico \$70.

Pathogen Risk Assessment Model for Land Application of Municipal Sewage Sludge (LANDAPP Version 4.02) (for Microcomputers)

Environmental Protection Agency, Washington, DC.
Office of Research and Development.
Oct 96, one diskette

This model evaluates the potential risk to humans from exposure to pathogenic microorganisms following land application of municipal sewage sludge. It covers: (1) application of liquid sludge for production of commercial crops for human consumption; (2) application of liquid sludge to grazed pasture; (3) application of liquid sludge for production of crops processed for animal consumption; (4) application of dried or composted sludge to residential gardens; and (5) application of dried or composted sludge to residential lawns.

Specifications

The datafile is on one 3.5 inch DOS diskette, 1.44M high density. Documentation included; may be ordered separately as PB97-116875CFK. For background, see also PB96-501911CFK.

Ordering Information

Order number PB97-501282CFK, \$97.
Outside U.S., Canada, Mexico \$194.

Pesticides and Toxic Substances

Toxic Release Inventory (TRI), 1987-1994 (on CD-ROM)

Environmental Protection Agency, Washington, DC.
Office of Pollution, Prevention, and Toxics.
Sep 96 CD-ROM

Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as Title III) of the Superfund Amendments and Reauthorization Act of 1986 (Public Law 99-499) requires EPA to establish a national inventory of toxic chemical emissions from certain facilities. There are over 300 chemicals and categories on these lists. The reporting requirement applies to owners and operators of facilities that have 10 or more full-time employees, that are in Standard Industrial Classification codes 20 through 39 (i.e., manufacturing facilities) and that manufacture (including importing), process or otherwise use a listed toxic chemical in excess of specified threshold quantities. The law mandates that the data be made publicly available through a computer database. This online TRI file meets these requirements.



Specifications

The datafile is on two discs. Data format: ISO 9660.
Also available on magnetic tape.

Ordering Information

Order number PB96-503214CFK, \$45.
Outside U.S., Canada, Mexico \$90.

Label Review Manual, 2nd Edition

Environmental Protection Agency, Washington, DC.
Office of Prevention, Pesticides and Toxic Substances.
Dec 96 144p

The Labeling Unit maintains this manual to serve as a training tool for Office of Pesticide Programs employees and as guidance for product management team members who are responsible for performing label reviews. The goal of the manual is to improve the quality and consistency of labels.

Ordering Information

Order number PB97-117667CFK, \$31.
Outside U.S., Canada, Mexico \$62.

For diskette version, order PB97-501407CFK.

Toxic Substances Control Act (TSCA) - Searchable Database on CD-ROM. TSCA Chemical Substances Inventory - Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM). (Reannounced with new availability information)

Environmental Protection Agency, Washington, DC.
Office of Pollution, Prevention, and Toxics.
Jan 97, one CD-ROM

The TSCA Chemical Substances Inventory lists the latest public information on more than 62,000 chemicals or chemical substances manufactured or imported into the U.S. for commercial purposes as defined under the Toxic Substances Control Act. The TSCA Chemical Substances Inventory provides a link between chemicals in the workplace and regulatory requirements. For additional information, call NTIS Fax Direct, (703) 487-4140 and ask for product code 8539.



Ordering Information

Order number PB97-501423CFK, \$140.
Outside U.S., Canada, Mexico \$280.

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Asbestos Abatement Contractors and Supervisors Model Curriculum for Training (Training Package)

Environmental Protection Agency, Washington, DC.
Office of Pollution, Prevention, and Toxics.
Oct 95, one training package

This course covers in detail the work practices, abatement procedures, personal protection and relevant federal regulations that a consultant or contractor must consider before beginning to design or supervise abatement work. The course examines insurance, bonding, contract specifications, and the health effects of asbestos. The training course package contains a student notebook, instructor's syllabus, slides and the EPA 'Purple Book'.

Ordering Information

Order number PB96-780036CFK, \$190.
Outside U.S., Canada, Mexico \$380.

Pesticide Product Label System (PPLS) (on CD-ROM). (Reannouncement)

Environmental Protection Agency, Washington, DC. Office of Pesticide Programs.
Oct 96 CD-ROM

The Pesticide Product Label System, a software product developed by EPA, Office of Pesticide Programs, contains images of registered pesticide product labels submitted by pesticide registrants and accepted by the OPP since 1971. The label images represent the product at the time the labeling was accepted. The retrieval program allows the user to search by registration number, which is a combination of company number and product number. Searches can be conducted also based on partial number.

Specifications

Contains search and retrieval software.
The datafile is on 31 discs.

Ordering Information

Order number PB97-594040CFK.

Approximate annual cost for the new base set each year and three updates is \$640; outside the U.S., Canada, and Mexico \$1280.

Available as an ongoing subscription, major credit card or NTIS deposit account required.

Superfund

Assessment of Barrier Containment Technologies. A Comprehensive Treatment for Environmental Remediation Applications

Peripheral Vision, Buffalo, NY; Virginia Polytechnic Institute and State University, Blacksburg; State University of New York at Buffalo; Department of Energy, Washington, DC; Environmental Protection Agency, Washington, DC.
Aug 95 454p

This workshop was organized into small working sessions, each dealing with a particular aspect of barrier containment technologies, to provide opportunity for the invited participants to share information, exchange opinions, and achieve consensus on what was known, what was not known, and what was needed concerning the application of containment technologies in remediation. The publication contains the edited summary reports for each working session.

Ordering Information

Order number PB96-180583CFK, \$57.
Outside U.S., Canada, Mexico \$114.

BEN Model - Calculates Violators' Economic Benefits from Noncompliance (Version 4.3) (for Microcomputers)

Environmental Protection Agency, Washington, DC. Office of Enforcement.
Sep 96, one diskette

This model calculates the economic benefit that a company gains by delaying payment necessary for compliance with environmental regulations or permits. While the primary purpose of the BEN model is to calculate the economic benefit of EPA regulation noncompliance, the model may also be used to calculate the after tax net present value of a pollution prevention or mitigation project. BEN is not limited to just environmental regulations; rather, it is a cost analysis model that presents savings from delaying or avoiding any expenditures.

Specifications

The software is on one 3.5 inch DOS diskette, 1.44M high density.

Ordering Information

Order number PB96-503875CFK, \$50.
Outside U.S., Canada, Mexico \$100.

Market Opportunities for Innovative Site Cleanup Technologies – Middle-Atlantic States

Environmental Protection Agency, Washington, DC. Office of Solid Waste and Emergency Response.
Dec 95 175p

This report provides vendors and developers of innovative treatment technologies a resource to use in determining potential technology needs present in the Middle-Atlantic states in order to support them in developing marketing plans for the region. The main body of the report, Sections 2 through 7, provides detailed accounts of the potential markets for innovative hazardous waste remediation technologies in each Middle-Atlantic state.

Ordering Information

Order number PB96-121637CFK, \$31.
Outside U.S., Canada, Mexico \$62.

Market Opportunities for Innovative Site Cleanup Technologies – Southeastern States

Environmental Protection Agency, Washington, DC. Office of Solid Waste and Emergency Response.
Aug 96 371p

This regional market report provides a detailed and updated view of specific market opportunities at waste sites located in the southeastern region of the country. The information contained in this report covers Superfund, Resource Conservation and Recovery Act corrective action, petroleum underground storage tanks, federal facility, and state cleanup programs.

Ordering Information

Order number PB96-199518CFK, \$49.
Outside U.S., Canada, Mexico \$98.

Presumptive Response Strategy and Ex-Situ Treatment Technologies for Contaminated Ground Water at CERCLA Sites. Final Guidance

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.
Oct 96 96p

This guidance describes a presumptive response strategy for Superfund and other sites with contaminated ground water. This strategy integrates site response activities, facilitates selection of both short and long-term remediation objectives during remedy selection and allows the effectiveness of the remedy to be improved during implementation. The guidance also identifies presumptive technologies for treatment of extracted ground water.

Ordering Information

Order number PB96-963508CFK, \$25.
Outside U.S., Canada, Mexico \$50.

Paper copy available as an ongoing subscription.
Major credit card payment or NTIS deposit account required. Single copies also available in paper copy or microfiche.

Remediation Technologies Screening Matrix and Reference Guide, Second Edition (on CD-ROM)

Department of the Army, Washington, DC.
1995, one CD-ROM

This guide is intended to be used to screen and evaluate candidate cleanup technologies for contaminated installations and waste sites in order to assist remedial project managers in selecting a remedial alternative. It allows the user to gather essential descriptive information on the respective treatment technologies, incorporating cost and performance data to the maximum extent available. These technologies, both demonstrated and emerging, are applicable at all types of site cleanups: Superfund, DOD, DOE, RCRA, state, private, etc. This information is also available in paper copy. See page 12 for information.

Ordering Information

Order number PB96-500558CFK, \$52.
Outside U.S., Canada, Mexico \$104.

Soil Screening Guidance – User's Guide

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.
Apr 96 92p

The *Soil Screening Guidance* is a tool that EPA developed to help standardize and accelerate the evaluation and cleanup of contaminated soils at sites on the National Priorities List with future residential land use. This guidance provides a methodology for environmental science/engineering professionals to calculate risk-based, site-specific, soil screening levels for contaminants in soil that may be used to identify areas needing further investigation at NPL sites.

Ordering Information

Order number PB96-963505CFK, \$25.
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Attitudes and Practices Regarding Disposal of Liquid Nuclear Waste at Clinton Laboratories in the Very Early Years – A Historical Analysis

Oak Ridge National Lab, TN; Department of Energy, Washington, DC.
Feb 96 107p

This historical analysis attempts to place the actions of the 1940s in proper perspective, drawing on the attentiveness and integrity of those who participated 50 years ago. Contradicting today's perceptions, many previously unreferenced documents show that the management and disposal of the liquid nuclear waste generated at Clinton Labs (which became ORNL after 1948) during the 1940s was performed with the highest degree of integrity and professionalism.

Ordering Information

Order number DE96006821CFK, \$28.
Outside U.S., Canada, Mexico \$56.

DOE Fire Protection Handbook, Volume I

Department of Energy, Washington, DC. Office of Environmental Restoration and Waste Management.
Aug 96 413p

The Department of Energy Fire Protection Program is delineated in a number of source documents including the Code of Federal Regulations, DOE Policy Statements and Orders, DOE and national consensus standards (such as those promulgated by the National Fire Protection Association), and supplementary guidance. This Handbook is intended to bring together in one location as much of this material as possible to facilitate understanding and ease of use.

Ordering Information

Order number DE96013943CFK, \$57.
Outside U.S., Canada, Mexico \$114.

Effect of Chromium Oxide on the Properties of Simulated Nuclear Waste Glasses

Battelle Pacific Northwest Labs, Richland, WA; Department of Energy, Washington, DC.
Feb 96 344p

A study of the effect of chromium on the properties of selected glasses was performed in the frame of a contract between Battelle, Pacific Northwest Laboratories and Nuclear Research Institute, ReZ. In the period from July 1994 to June 1995 two borosilicate glasses of special composition were prepared according to the PNL procedure and their physical and structural characteristics were studied. This final report contains a vast documentation on the properties of all glasses studied.

Ordering Information

Order number DE96008339CFK, \$49.
Outside U.S., Canada, Mexico \$98.

Final Technical Report – Effects of Water on Properties of the Simulated Nuclear Waste Glasses

Battelle Pacific Northwest Labs, Richland, WA; Department of Energy, Washington, DC.
Feb 96 80p

For isolation of nuclear wastes through the vitrification process, waste slurry is mixed with borosilicate based glass and remelted at high temperature. During these processes, water can enter into the final waste glass. The objective of this project was to investigate the effect of water in the simulated nuclear waste glasses on various glass properties, including chemical durability, glass transition temperature, liquidus temperature, viscosity and electrical conductivity.

Ordering Information

Order number DE96008271CFK, \$25.
Outside U.S., Canada, Mexico \$50.

Hanford Tank Clean Up – A Guide to Understanding the Technical Issues. (2nd Printing, July 1996)

Battelle Pacific Northwest Labs, Richland, WA;
Department of Energy, Washington, DC.
Jul 96 80p

The purpose of this guide is to inform the reader about critical issues facing tank cleanup. It is written as an information resource for the general reader as well as the technically trained person wanting to gain a basic understanding about the waste in Hanford's tanks—how the waste was created, what is in the waste, how it is stored, and what are the key technical issues facing tank cleanup.

Ordering Information

Order number PB97-115976CFK, \$25.
Outside U.S., Canada, Mexico \$50.

Hazardous and Low-Level Mixed Waste Market Review

Kapline Enterprises, Inc., Knoxville, TN.
Jun 96 278p

This report systematically evaluates HW and LLMW information and market data. The report is primarily intended to help private-sector vendors determine where they should focus their marketing efforts to take full advantage of the business opportunity offered by the DOE plan to use private-sector treatment capability for LLMW.

Ordering Information

Order number PB97-109995CFK, \$995.
Outside U.S., Canada, Mexico \$1,990.

Operation Greenhouse – Scientific Director's Report of Atomic Weapon Tests at Eniwetok, 1951. Annex 8.3. Special Radar, Radio, and Photographic Studies of Weapons Effects. Nuclear Explosions. Parts 1, 2, 3 and 4

Los Alamos Scientific Lab, NM.
1951 395p

Radar echoes have been observed during previous atomic detonations but with little additional data. Measurements on echo intensity and characteristics were obtained and recorded by use of an X-band radar system. To accomplish the desired results, the video signals from the AN/APQ-24 radar receivers, one located in each of two B-50D aircraft, were displayed on a calibrated oscillograph and photographed with a low-speed conventional 35-mm movie camera and a modified General Radio 651 AE oscillograph camera. The radar signals were displayed on a DuMont 294-A oscillograph with a 5xP11 cathode-ray tube operating at a 12-kv acceleration voltage to obtain sufficient light intensity for recording. **Report just declassified.** Document partially illegible.

Ordering Information

Order number AD-A296 859/2CFK, \$61.50.
Outside U.S., Canada, Mexico \$123.

Overview of Nickel Metal Hydride Battery Technology for Aerospace Applications

Aerospace Corporation, El Segundo, CA. El Segundo Technical Operations.
22 Aug 96 25p

This review surveys the status of research and commercial development of metal-hydride cells and evaluates the potential advantages and applications of metal-hydride batteries for aerospace use.

Ordering Information

Order number AD-A316 159/3CFK, \$19.50.
Outside U.S., Canada, Mexico \$39.

Radiation Exposure and Risks Assessment Manual (RERAM). Risk Assessment Using Radionuclide Slope Factors

Cohen (S.) and Associates, Inc., McLean, VA.;
Environmental Protection Agency, Washington, DC. Office of Air and Radiation.
Jun 96 170p

This manual describes the methodology developed by EPA's Office of Radiation and Indoor Air to derive ingestion, inhalation, and external exposure radionuclide cancer slope factors for use in radiation risk assessment at a Superfund site. Potential users of RERAM are those involved in the remedy selection and implementation process, including risk assessors, risk assessment reviewers, remedial project managers, and other decision-makers.

Ordering Information

Order number PB97-106876CFK, \$35.
Outside U.S., Canada, Mexico \$70.

Whole-Body Effective Half-Lives for Radiolabeled Antibodies and Related Issues.

Brookhaven National Lab, Upton, NY. Department of Advanced Technology;
Minnesota University, Minneapolis. School of Public Health; Nuclear Regulatory Commission, Washington, DC. Office of Nuclear Regulatory Research.
Aug 96 168p

The Nuclear Regulatory Commission became aware some years ago that radiolabeled antibodies were being developed for medical uses including cancer diagnosis and treatment. This report looks at data available on wholebody clearance rates for patients administered with radiolabeled antibodies.

Ordering Information

Order number NUREG/CR-6374CFK, \$35.
Outside U.S., Canada, Mexico \$70.

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Best Sellers

AnyPIA (Primary Insurance Amount) – A Program to Estimate Social Security Monthly Benefit Payments (Version 1995.1) (3.5, 1.44M) (for Microcomputers)

Social Security Administration, Baltimore, MD, Office of the Actuary.
1995 diskette

This software package calculates the social security primary insurance amount benefits for old-age, survivor, or disability benefit. The interactive program produces the maximum family benefit, and, for old-age and survivor cases, the actuarial reduction or increment factor and monthly benefit amount in single-benefit cases. The program can prepare a historical PIA for any case from 1940 through 2065.

Specifications

System: MS DOS operating system, 256K. Language: C programming.
The software is on one 3.5-inch, 1.44M diskette. File format: Executable code only.

Ordering Information

Order number PB95-502233CFK, \$60.
Outside U.S., Canada, Mexico \$120.

Documentation included; may be ordered separately as PB95-139721CFK.

Basic Guide to Exporting

International Trade Administration, Department of Commerce
1994 285p

This basic guide is designed to help U.S. firms learn the costs and risks associated with exporting and develop a strategy for exporting. Keys to export success are explored, along with ways to avoid the pitfalls and roadblocks that may be encountered. This guide discusses what decisions need to be made and where to get the knowledge to make those decisions.

Ordering Information

Order number PB95-109799CFK, \$16.50.
Outside U.S., Canada, Mexico \$33.

Standard Industrial Classification Manual, 1987

Office of Management and Budget, Washington, DC

The Standard Industrial Classification is used to classify establishments by type of activity in which they are engaged; for collecting, tabulating, presenting, and analyzing data; and for promoting uniformity and comparability of statistical data collected by various agencies and organizations.

Ordering Information

Order number PB87-100012CFK, \$30.
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Big Emerging Markets – 1996 Outlook and Sourcebook

International Trade Administration, Washington, DC, International Market Research Division

Sep 95 477p

This guidebook details the 10 greatest foreign market opportunities for trade expansion. The report contains profiles, as well as information on the risks, challenges, and obstacles of doing business in the following economic regions: Argentina, Brazil, Mexico, ASEAN (Asian 'Tiger Countries'), Chinese Economic Area (People's Republic of China, Hong Kong and Taiwan), India, South Korea, Poland, South Africa, and Turkey.

Ordering Information

Order number PB95-243150CFK, \$45.

Outside U.S., Canada, Mexico \$90.

Electric Current Abroad, 1991 Edition

International Trade Administration, Washington, DC.

Jul 91 98p

U.S. manufacturers, exporters and individuals living or traveling abroad will find this tabular handbook especially useful. It specifies the characteristics of electric currents found in hundreds of foreign cities; lists and illustrates the types of electric plugs used in foreign countries; and gives the stability of the frequency and the number of wires to a commercial or residential installation.

Ordering Information

Order number PB91-193383CFK, \$29.

Outside U.S., Canada, Mexico \$35.

Export and Trade

National Trade Data Bank (NTDB) (on CD-ROM)

Department of Commerce, Washington, DC. Office of Business Analysis
1997 CD-ROM

The *National Trade Data Bank* contains the best of the trade and export promotion data collected by 14 federal agencies. Each disk holds the entire NTDB containing the most current information of international economics, foreign trade and information on U.S. export regulations, policies, and promotion programs.

Specifications

The datafile is contained on one CD-ROM disk.

System: DOS compatible; OS/2 compatible; PC DOS and OS/2 operating system. Special options: mouse, color monitor, printer. Includes user instructions.

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Order number SUB-5196CF, annual cost \$575.

Outside the U.S., Canada, and Mexico \$775.

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NTIS—Your One-Stop Source for Timely EAR Data

U.S. Export Administration Regulations

Bureau of Export Administration, Washington, DC.

This comprehensive looseleaf version of the U.S. Export Administration Regulations provides the latest rules controlling the export of U.S. dual-use commodities, technology, and software. EAR features numerous flow charts, diagrams and decision trees to help business users determine their export control requirements — particularly administrators and traffic managers involved in exporting dual-use items.

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U.S. Export Administration Regulations Electronic Marketplace

Bureau of Export Administration, Washington, DC.

This new online service is fully searchable so you can quickly locate the specific export regulations you need. New and revised regulations appear in the system immediately after being published in the *Federal Register*. A 'What's New' section gives you direct access.

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Or, you can visit the NTIS CCG Web page at <http://www.ntis.gov/yellowbk/1nty606.htm>.

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Geopolitics

Chiefs of State and Cabinet Members of Foreign Governments

Central Intelligence Agency, Washington, DC.
1997 12 issues

This directory lists chiefs of state and cabinet members of foreign governments.

Ordering Information

Issued monthly. Annual cost for U.S., Canada and Mexico \$150; all others \$300. Credit card or NTIS deposit account required. Single copies also available, request most recent issue.

Order number SUB-9284CFK.

World Factbook, 1996 and the Handbook of International Economic Statistics, 1996 (on CD-ROM)

Central Intelligence Agency, Washington, DC
1996, one CD-ROM

This comprehensive reference gives instant access to current geographic, political and socioeconomic information for more than 250 countries and geographic areas. The easy-to-use search and retrieval software included provides access to a wealth of information: geography, people, economy, government, transportation, communications, and defense forces. The CD-ROM includes the *Handbook of International Economic Statistics, 1996* described below.

Specifications

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Ordering Information

*Order number PB97-500797CFK, \$40.
Outside U.S., Canada, Mexico \$80.*

Statistical Data

Handbook of International Economic Statistics, 1996

Central Intelligence Agency, Washington, DC.
Sep 96, 209 p

The handbook provides basic worldwide statistics for comparing the economic performance of major countries and regions. Richly illustrated with figures and tables, the handbook covers data for the past five years that show: economic profiles, aggregate trends, country trends, economic indicators in the former Soviet Union, foreign trade and aid, and environmental topics. Data for the presented countries have been adjusted, where necessary, to achieve comparability.

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Statistical Abstract of the United States, 1996 (116th Edition). Hard Cover

Bureau of the Census, Washington, DC, Economics and Statistics Administration.
Sep 96 1059p

The *Statistical Abstract of the United States* is the most comprehensive one-volume reference source on the nation's economic and social condition ever compiled. This national data book is the best-selling and longest running federal statistical publication.

Also available as an ongoing subscription. Major credit card or an NTIS deposit account is required.

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Internal Revenue Service, Washington, DC.

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Solutions Software Corp., Sanford, FL.

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Market Studies

Basic Guide to Telecommunications Markets in Latin America and the Caribbean

International Trade Administration, Washington, DC. Office of Telecommunications.
Jun 96, 250p

This report presents market overviews of the telecommunications sector in Latin American and Caribbean countries. It will be helpful to American firms seeking to expand telecommunications business overseas.

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Outside U.S., Canada, Mexico \$450.

Infrastructure Opportunities in Southeast Asia. Held in San Francisco, California on June 18-20, 1996

Berger (Louis) International, Inc., Washington, DC
Sponsored by the U.S. Trade and Development Agency, Rosslyn, VA.
18 Jun 96, 308p

The document presents profiles on a total of 61 infrastructure projects in the transportation and energy sectors in Southeast Asia. The potential for exports of goods and services deriving from these projects is estimated to be at least \$34.6 billion. Included is a regional overview and country reports for Brunei, Indonesia, Malaysia, Philippines, Singapore, Thailand, and Vietnam. There are profiles of 22 transportation sector projects and 39 energy sector projects.

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Middle East Diversification and Defense Market Assessment. A Comprehensive Guide for Entry into Overseas Markets

Bureau of Export Administration, Washington,
Office of Strategic Industries and Economic Security
Jul 96, 129 pages

This report is intended to provide current information to U.S. firms interested in dual-use and/or defense trade opportunities in this established and diversified region. It provides important information concerning U.S. government policies and organizations involved in trade with the Middle East, guidance from the Defense Department's 'Selling to the Allies' publication, and country profiles on selected Middle Eastern nations.

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Canadian Business Directories

Industry Canada, Ottawa (Ontario). Service Industries and Capital Projects Branch.

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Building Industry

Building Life Cycle Cost Computer Program (BLCC) Version 4.4-97 (for Microcomputers)

National Institute of Standards and Technology, Gaithersburg, MD.
Sep 96 2 diskettes

This software enables the user to make economic analyses of proposed capital investments expected to reduce long-term operating costs of buildings or building systems/components. Economic measures, including net savings, savings-to-investment ratio, adjusted internal rate of return, and years to pay back can be calculated for any design alternative relative to the designated base case.

Specifications

MS DOS operating system. Documentation is in Word Perfect 5.1.
The software is on two 3.5 inch DOS diskettes, 1.44M high density.
File format: ASCII text.

Ordering Information

Order number PB97-500342CFK, \$97.
Outside U.S., Canada, Mexico \$194.

HUD Rehabilitation Energy Guidelines for One-to-Four Family Dwellings (for Microcomputers)

Department of Housing and Urban Development, Washington, DC, Office of Policy Development and Research
Sep 96, one diskette

This guidebook and Microsoft Excel worksheet diskette allow the user to calculate cost-effective, energy conserving property improvements. Information is applicable for all climates, from Florida to Alaska, and allows building owners to better assess requirements of their renovation projects. Discusses the issues and factors that determine how much energy a building will consume. Includes HUD guidelines.

Specifications

The datafile is on one 3.5 inch DOS diskette, 1.44M high density. File format: Microsoft Excel version 5.0. Requires Microsoft Excel spreadsheet software to use the electronic versions of the worksheets.

Ordering Information

Order number PB97-501548CFK, \$500.
Outside the U.S., Canada, Mexico \$1,000.
Documentation included; may be ordered separately as PB97-139638CFK.

Chemical Industry

Meeting the Challenge – U.S. Industry Faces the 21st Century. The Chemical Industry

Department of Commerce, Washington, DC, Office of Technology Policy.
Prepared in cooperation with the Chemical Manufacturers Association, Washington, DC.
Jan 96 91p

This report discusses the structure of the chemical industry; forces currently shaping the industry; anticipated industry evolution over the next five to ten years; and the major factors affecting the chemical industry's competitiveness. This is the first collective effort by the industry to describe its competitive status, and the first time so many different aspects of its posture have been treated together.

Ordering Information

Order number PB96-138094CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

Civil Engineering

Seismic Retrofitting Manual for Highway Bridges

National Center for Earthquake Engineering Research, Buffalo, NY. Sponsored by the Federal Highway Administration, McLean, VA. Office of Engineering and Highway Operations Research and Development.

May 95 328p

This manual is an interim revision of the Federal Highway Administration's Seismic Retrofitting Guidelines for Highway Bridges, published in 1983. It describes an evaluation procedure for retrofitting seismically-deficient highway bridges and outlines various measures to upgrade these structures.

Ordering Information

Order number PB95-212676CFK, \$49.

Outside U.S., Canada, Mexico \$98.

Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects

Federal Highway Administration, Washington, DC.

1996 826p

These specifications are issued primarily for construction of roads and bridges on federal highway projects under the direct administration of the Federal Highway Administration. They are cited as 'FP-96,' indicating the standard specifications issued in 1996. When designated in a contract, the FP-96 becomes part of the contract and binding upon all parties to the contract.

Ordering Information

Order number PB96-175880CFK, \$100.

Outside U.S., Canada, Mexico \$200.

Urban Drainage Design Manual. Hydraulic Engineering Circular No. 22

TVGA Engineering, Lanse, PA.

Sponsored by the Federal Highway Administration, Washington, DC.

Nov 96 478p

Provides comprehensive guidance for the design of storm drainage systems associated with transportation facilities—i.e., systems which collect, convey, and discharge stormwater flowing within or along a highway's right-of-way. Methods and procedures are given for: the hydraulic design of storm drainage systems; evaluating rainfall and runoff magnitude, pavement drainage, gutter flow, inlet design, median and roadside ditch flow, structure design, and storm drain piping; and the design of retention facilities and stormwater pump stations. A summary of related public domain computer programs is also provided.

Ordering Information

Order number PB97-134308CFK, \$67.

Outside U.S., Canada, Mexico \$134.

Computer Technology

Cryptography's Role in Securing the Information Society

National Research Council, Washington, DC. Computer Science and Telecommunications Board. Sponsored by the Department of Defense and the Department of Commerce, Washington, DC.

1996 717p

This report demonstrates that consensus on encryption among a diverse group of stakeholders is possible. The CSTB/NRC report on cryptography policy has changed the terms of the policy debate in Washington, DC, with the Administration, Congress, and various private sector stakeholders citing its importance and drawing recommendations and analysis from its text.

Ordering Information

Order number PB97-126296CFK, \$92.

Outside U.S., Canada, Mexico \$184.

Government Applications of Computer Card Technology

Financial Management Service, Washington, DC.

May 96 518p

This document is a resource for federal, state, and local government agencies for information on current uses of computer-related card technology systems.

Ordering Information

Order number PB95-269205CFK, \$43.

Outside U.S., Canada, Mexico \$86.

Review of Virtual Environment Interface Technology

Institute for Defense Analyses, Alexandria, VA.

Mar 96 270p

This report reviews current interface technology for use in virtual environments. Visual, tracking, auditory, primary user input—including glove, body suit, exoskeleton, track ball, and 3-D mouse inputs, and tactile, kinesthetic, full-body motion, and olfactory interface technologies are covered. In each case, the relevant human capabilities are discussed. Includes descriptions of some available commercial products and ongoing R&D efforts. Discusses how virtual environment interfaces are likely to change in the next five years.

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Science and Technology

Electromagnetic Fields

Engineering Services for Measurement and Analysis of Radiofrequency (RF) Fields

Tell (Richard) Associates, Inc., Las Vegas, NV. Sponsored by the Federal Communications Commission, Washington, DC, Office of Engineering and Technology.
1 Jun 95 76p

This report documents work performed for the Federal Communications Commission on the measurement and analysis of radiofrequency fields. Information developed as part of this project covers a number of technical topics, all of which are related to the issue of assessing compliance with standards used by the FCC in controlling environmental levels of RF fields. In particular, work reported here pertains to issues as diverse as measurements of RF fields, and induced body and contact currents, as well as fields associated with cellular base station antennas and RF protective clothing.

Ordering Information

Order number PB95-253829CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

International Technology

Biofuels for Transportation. From R&D to Market

International Workshop on Biofuels for Transportation. From R&D to Market, Saltsjöbaden (Sweden), 27-30 Aug 1995. Swedish National Board for Industrial and Technical Development, Stockholm.
1996 48p

This workshop was held to bring together stakeholders in industry, government, and science to identify technical, economic, and institutional opportunities and/or barriers to the market penetration of biofuels and to address these issues jointly in an international environment. Focus of the workshop was on the policy issues of biofuels replacing fossil fuels and achieving sustainable transportation. Addressed conditions in Northern Europe and North America. Considered three biofuels groups: alcohols; ethers; and vegetable oils and esters.

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Foreign Science and Technology Information Sources in the Federal Government and Select Private Sector Organizations

Electronic Knowledge Corporation, Herndon, VA. Sponsored by the Department of Commerce, Office of Technology Policy; and the Department of State, Washington, DC, Bureau of Oceans and International Environmental and Scientific Affairs.
Jul 96 254p

From Europe to Asia to Canada, nations recognize the important link between S&T-based innovation, economic growth and international competitiveness. Our competitors are making ever-increasing investments in basic and applied science and pursuing strategies of government, industry, and academic collaboration to stimulate technology-based growth, trade and investment.

Ordering Information

Order number PB96-207402CFK, \$47.
Outside U.S., Canada, Mexico \$94.

JTEC Panel Report on Human-Computer Interaction Technologies in Japan

Japanese Technology Evaluation Center, Baltimore, MD. Sponsored by the National Science Foundation; Defense Advanced Research Projects Agency; Office of Naval Research, Arlington, VA; and the Department of Commerce, Washington, DC.

Mar 96 178p

This report reviews the status of Japanese R&D in human-computer interaction technologies and applications. It covers fundamental human-computer interaction research; R&D and applications in computer-supported collaborative work; information network services and infrastructure; consumer devices and entertainment interfaces; technology and tools for people with disabilities; nuclear power; robotic manufacturing and service; and transportation. Also discusses HCI research infrastructure, education, and human resources.

Ordering Information

Order number PB96-157490CFK, \$38.
Outside U.S., Canada, Mexico \$76.

JTEC Panel Report on Optoelectronics in Japan and the United States

Loyola College, Baltimore, MD, International Technology Research Institute. Sponsored by the National Science Foundation, Arlington, VA; Defense Advanced Research Projects Agency, Arlington, VA; Department of Commerce; and Office of Naval Research, Washington, DC.

Feb 96 368p

This book reviews the status of Japanese optoelectronics technology and manufacturing in comparison to the U.S. It covers optoelectronic systems (telecommunications, local area networks, and optical interconnections); optical storage technology; waveguide devices and packaging; photonic devices and materials; optical sensor technology and specialty fibers; and economic considerations.

Ordering Information

Order number PB96-152202CFK, \$49.
Outside U.S., Canada, Mexico \$98.

Manufacturing Technology

NIST Handbook 44, 1997 - Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices as Adopted by the 81th National Conference on Weights and Measures, 1996

National Institute of Standards and Technology, Gaithersburg, MD,
Office of Weights and Measures.

Nov 96 268p

The 1996 edition of the handbook was developed by the Committee on Specifications and Tolerances of the National Conference on Weights and Measures, with assistance from the Office of Weights and Measures of the National Institute of Standards and Technology. Handbook 44 is published in its entirety each year following this annual meeting.

Ordering Information

Order number PB97-134753CFK, \$47.

Outside U.S., Canada, Mexico \$94.

Marine Engineering

Simulated Voyages – Using Simulation Technology to Train and License Mariners

National Research Council, Washington, DC, Commission on Engineering and Technical Systems. Sponsored by the Maritime Administration and Minerals Management Service, Washington, DC.

1996 300p

This document assesses the practice and use of ship-bridge simulators in the professional development and licensing of deck officers and marine pilots. It focuses on full-mission computer-based simulators and manned models and analyzes their use in instruction, evaluation, and licensing.

Ordering Information

Order number PB96-182365CFK, \$49.

Outside U.S., Canada, Mexico \$98.

Materials Sciences

Coatings for High-Temperature Structural Materials – Trends and Opportunities

National Materials Advisory Board (NRC), Washington, DC.

1996 103p

This book assesses state-of-the-art coating materials and processes for gas-turbine blades and vanes; determines potential applications of coatings in high-temperature environments; identifies needs for improved coatings in terms of performance enhancements, design considerations, and fabrication processes; assesses durability of advanced coating systems in expected service environments; and discusses required inspection, repair, and maintenance methods. Identifies promising areas for R&D.

Ordering Information

Order number PB97-126387CFK, \$28.

Outside U.S., Canada, Mexico \$56.

Patents and Inventions

Industrial Patent Activity in the United States Parts 1 and 2, 1971-1995 (for Microcomputers)

Patent and Trademark Office, Washington, DC, Office of Information Systems.

1995 4 diskettes

Provides information on the activity, ownership, and national origin of utility patents (i.e., patents for inventions) granted by the U.S. Patent and Trademark Office. There are three different listings, including a time series profile by country of origin, which displays the relative levels of patenting by nations most active in the U.S. Patent System.

Specifications

The datafile is on four 3.5 inch DOS diskettes,
1.44M high density. File format: ASCII.

Ordering Information

Order number PB96-501945CFK, \$97.

Outside U.S., Canada, Mexico \$194.

For the printed version, please refer to NTIS order number PB96-196720CFK, \$121.

Outside U.S., Canada, Mexico \$242.

Technology Innovation

TECH-LINE – Indicators of Technological Excellence (on CD-ROM)

CHI Research, Inc., Haddon Heights, NJ.

Oct 96 1 CD-ROM

TECH-LINE profiles allow analysts to compare a company's technological strength to its financial performance. It provides measurements of technological strength, activity, and position for the more than 1,000 public and private companies, universities, and government agencies worldwide that received the most U.S. patents in the last five years. TECH-LINE indicators are designed to complement financial indicators.

Specifications

Contains search and retrieval software. Minimum configuration: IBM or compatible PC/AT or higher; MS-DOS 3.0 or higher; 512K RAM (365K available to run CD Answer retrieval software); 20 MB hard disk drive with 6 MB of free space; CD-ROM drive with interface card; EGA, VGA, SuperVGA monitor. The datafile is on one disc.

Ordering Information

Order number PB97-500334CFK, \$2,995.

Outside U.S., Canada, Mexico \$2,995.

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Creating Bicycle Transportation Networks – A Guidebook

Minnesota Univ., Minneapolis. Center for Transportation Studies.; Sponsored by Minnesota Dept. of Transportation, St. Paul. Office of Research Administration

This guide presents a practical planning model for incorporating a bicycle roadway into the functional classification of streets for motor vehicles. It also focuses on the use of specialized bicycle facilities and bicycle friendly zones to support and promote the use of bicycles for transportation. Professional planners, designers and engineers, neighborhood groups, bicycle advocates and community decision makers will find this planning guide useful.

Ordering information

Order number PB96-214978CFK, \$31.
Outside the U.S., Canada, Mexico \$62.



Navigational and Vessel Inspection Circulars (NVICs) and the Merchant Vessels of the United States (on CD-ROM)

National Maritime Center, Arlington, VA.
Dec 96 1 CD-ROM

This CD-ROM contains two searchable sets of different information. The first is a collection of the current NVICs (about 4,000 pages). The documents are text files to allow full-text searching and also image files to allow viewing, printing, and faxing on any Windows capable PC compatible with a CD-ROM reader. The file contains NVICs published from July 1952 through May 1996. The second set of information is the text of the Merchant Vessels of the United States database, current as of December 31, 1995.

Specifications

Contains search and retrieval software. ZylIMAGE for Windows Version 4.01 operating system; requires 7 MB free storage; for use with Windows 3.1, Windows 95, or Windows NT. The datafile is on one CD-ROM.

Ordering Information

Order number PB97-500664CFK, \$40.
Outside U.S., Canada, Mexico \$80.

Implementation Guidelines for Alcohol and Drug Regulations in Highway Transportation

Department of Transportation, Federal Highway Administration, Office of Motor Carriers
Jul 96 328p

If you employ commercial drivers, then you must have an alcohol and controlled substances program in place to protect the safety and health of your drivers and the general public. These guidelines are organized by the key steps that must be taken to establish and operate a successful program: policy development and communications; education and training; types of testing; testing procedures; and administrative requirements. The alcohol and drug regulations are directed toward employers of volunteer and paid drivers required by federal law to obtain commercial driver's licensing.

Ordering Information

Order number PB96-197926CFK, \$49.
Outside U.S., Canada, Mexico \$98.

Blood Alcohol Content Estimator (for microcomputers)

Department of Transportation, National Highway Traffic Safety Administration

This easy-to-use program provides a quick estimate of blood alcohol concentration based on a person's weight, gender, number of drinks consumed, and time period of consumption.

Specifications

This software is on one 3.5-inch DOS diskette, 720K double density.

Ordering Information

Order number PB95-501938CFK, \$27.
Outside U.S., Canada, Mexico \$54.

FAA Airworthiness Directives (on CD-ROM)

Federal Aviation Administration, Oklahoma City, OK, Regulatory Support Division.
1996

Airworthiness Directives order the correction of unsafe conditions determined by FAA to exist in an aircraft, aircraft engine, propeller or other equipment affecting flight safety. The FAA issues Airworthiness Directives to owners and operators of aircraft built or operated in the United States. This CD-ROM contains all ADs from the 1940s through the end of 1996. Text files with Adobe Acrobat search software.

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Order number PB97-502017CFK, \$97.
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National Transportation Safety Board

Paper copy available as an ongoing subscription. Credit card or NTIS deposit account required.
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Transportation Accident Reports

National Transportation Safety Board, Washington, DC,
Bureau of Field Operations

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Approximately 10 reports per year.
Order number PB97-916300CFK.

Transportation Special Reports

National Transportation Safety Board, Washington, DC,
Bureau of Accident Investigation.

Transportation Special Reports includes safety studies and reports, accident investigation reports, and railroad/highway accident reports.

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Approximately 5 issues per year.
Order number PB97-917000CFK.

Transportation Accident Briefs

National Transportation Safety Board, Washington, DC,
Bureau of Field Operations

Contains briefs of selected accident investigations. The brief format presents basic facts, conditions, circumstances, and probable cause(s) in each instance. Additional statistical information is tabulated by types of accidents and casualties related to types of accidents, carriers involved, and causal factors.

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Approximately 3 issues per year.
Order number PB97-917100CFK.

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Order number PB97-917300CFK.

Transportation Accident Brief – Railroad

Approximately 4 issues per year.
Order number PB97-917200CFK.

Transportation Safety Recommendations

National Transportation Safety Board, Washington, DC,
Bureau of Safety Programs.

Transportation Safety Recommendations report on the Board's safety oversight and accident prevention activities. The safety reports provide information on significant transportation problems, issues, and activities.

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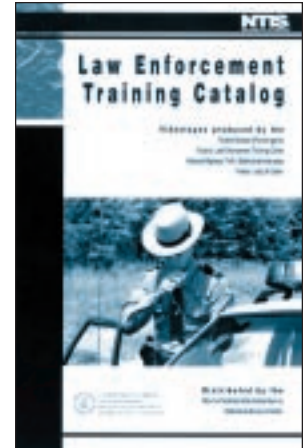
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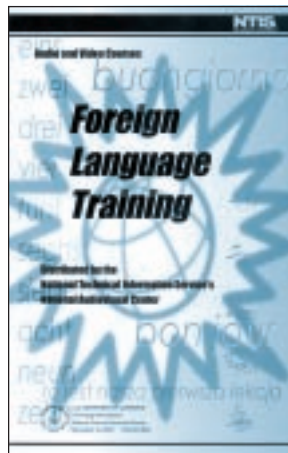
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Shaping the Future (Instructor Materials)

National Fire Academy, 1995

This first of two courses on mid-level management for fire service operations covers the skills and techniques mid-level managers need. It covers reframing problems, problem-solving, communication, and managing change. Consists of four VHS videocassettes (80 mins., 105 mins., 90 mins., and 71 mins.), a 372-page instructor guide, and a 158-page reproducible student manual.

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National Fire Academy, 1995

This second of two courses on mid-level management covers the skills and techniques mid-level managers need. The video gives an overview of various influences affecting fire service operations. Consists of four VHS videocassettes (87 mins., 105 mins., 82 mins., 84 mins.), a 364-page instructor guide, and a 138-page reproducible student manual.

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Quarterly IT Exchange

General Services Administration, 1996

This videotaped meeting of federal government chief information officers discusses information technology problems in the federal government today—exchanging solutions that may apply across agencies.

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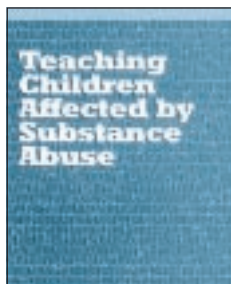
Teaching Children Affected by Substance Abuse

Department of Education, 1994

A videotape and teacher's guide for elementary school staff to help in the design and implementation of programs for children prenatally exposed to drugs.

Ordering Information

Order number AVA19520VBN1, \$45.
Outside U.S., Canada, Mexico \$51.75.



And Down Will Come Baby (Closed Captioned)

U.S. Department of Education, 1994

This 17-minute VHS videocassette is about the effects on the fetus exposed to alcohol and other drugs. Accompanying the video is a teacher's guide to promote a 15-20 minute discussion of the video.

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AVA19693VNB1CFK, \$45.
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OSHA Construction Industry Safety and Health Outreach Program

Occupational Safety and Health Administration, 1996

These 915-page instructor reference materials, with 70-paper overhead masters, provide health and safety training to entry-level participants.

Ordering Information

Order number AVA19915BB00CFK, \$115.
Outside U.S., Canada, Mexico \$132.25.

Dirty Little Secrets – Kitchen Food Safety/The Food Label and You

Food and Drug Administration, 1996

This pair of VHS programs from the Food and Drug Administration covers home kitchen food safety from preparation, cooking and storage, to cleanup. It also explains the new food labels. (17 minutes)

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Order number AVA19964VNB1CFK, \$55.
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Nursing Staff Review: Infection Control

Department of Veterans Affairs, 1996

This infection control package, on diskette, consists of an infection control education program and a testing component. The course covers nursing staff safety and principles of infection, transmission, isolation, and control of resistant organisms, bloodborne pathogens (hepatitis B and HIV), and TB. The content portion allows for user entry of facility-specific information. A test results program has an easy-to-use spreadsheet to sort and print test results.

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Order number AVA19958FLOPCFK, \$55.
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Audiovisuals

1995 STD Surveillance Report

Centers for Disease Control and Prevention, 1996

This set of 50-color slides from the Centers for Disease Control and Prevention includes charts, graphs, and tables regarding sexually transmitted diseases.

Ordering Information

Order number AVA19940SS00CFK, \$70.

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CDC Sexually Transmitted Diseases (Clinical Slides)

Centers for Disease Control and Prevention, 1996

This set of 67 slides and script includes clinical pictures of sexually transmitted diseases.

Ordering Information

Order number AVA19935SS00CFK, \$70.

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Epidemiology and Prevention of Viral Hepatitis A, B, C, D, E: An Overview

Centers for Disease Control and Prevention, 1996

These 67 slides present an overview of the clinical and epidemiological features for viral hepatitis A, B, C, D, E and prevention measures for these infections.

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Order number AVA19900SS00CFK, \$65.

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Incident Command System for Emergency Medical Services (Instructor Package)

National Fire Academy, 1996

Participants will be introduced to the concepts of EMS-specific Incident Command through lecture and guided discussion. Participants will then utilize scenarios, case studies, graphics, audiovisuals, and role play to demonstrate an understanding of the concepts. Students will be required to complete the NFA self-study module "Incident Command System" before this course. Consists of 155 slides, an 82-minute videocassette, a 342-page instructor's guide, a 202-page student manual, and a 102-page self-study guide.

Ordering Information

Order number AVA19933KK00CFK, \$200.

Outside U.S., Canada, Mexico \$230.

(Ten student manuals and self-study guide packages)

Order number AVA19934BB00CFK, \$180.

Outside U.S., Canada, Mexico \$207.

Managing Terrorism Events: The Oklahoma Experience

Federal Emergency Management Administration, 1996

This 2-hour VHS videocassette features an overview of the initial response to the bombing of the Murrah Federal Building and the cooperation required when a disaster scene becomes a crime scene.

Ordering Information

Order number AVA19937VNB1CFK, \$60.

Outside U.S., Canada, Mexico \$69.

Arson Prevention in Our Churches

Federal Emergency Management Administration, 1996

This 80-minute VHS videocassette presents varying aspects of arson prevention. It can be used to train fire fighters, and it is also valuable for community awareness programs.

Ordering Information

Order number AVA19938VNB1CFK, \$50.

Outside U.S., Canada, Mexico \$57.50.

Arson Detection for the First Responder (Instructor Package)

National Fire Academy, 1996

This package of 322-color slides, 4-1/2 hours of VHS videocassettes, a 226-page instructor guide, and a 214-page student manual master provides training for the initial responder to recognize the signs of an intentionally set fire, preserve evidence, and properly report the information.

Ordering Information

Order number AVA19931KK00CFK, \$225.

Outside U.S., Canada, Mexico \$259.

(Set of ten student manuals)

Order number AVA19932BB00CFK, \$100.

Outside U.S., Canada, Mexico \$115.

Introduction to Fire Inspections – Principles and Practices

National Fire Academy, 1996

These 484-color slides, a 30-minute VHS videocassette, instructor guide, and student manual master will help the new fire inspector understand the scope of knowledge required and will identify the various steps in the fire inspection process.

Ordering Information

Order number AVA19927KK00CFK, \$300.

Outside U.S., Canada, Mexico \$345.

(Set of ten student manuals)

Order number AVA19928BB00CFK, \$125.

Outside U.S., Canada, Mexico \$143.75.

DWI Detection and Standardized Field Sobriety Testing, Visual Detection of Driving While Intoxicated, Options: Tape 1

Department of Transportation, 1995

Tape 1 complements the DWI and Standards Field Sobriety Testing Programs and teaches police officers three methods to detect and evaluate impaired drivers: horizontal gaze nystagmus; walk and turn; and the one-leg stand. (51-minute VHS videocassette)

Ordering Information

Order number AVA19912VNB1CFK, \$60.
Outside U.S., Canada, Mexico \$69.

DWI Detection and Standardized Field Sobriety Testing Options: Tape 2

Department of Transportation, 1995

Tape 2 depicts drivers less impaired, and thus harder to detect, than those in Tape 1. (47-minute VHS videocassette)

Ordering Information

Order number AVA19913VNB1CFK, \$60.
Outside U.S., Canada, Mexico \$69.

If You Don't Know, Don't Go

National Fire Academy, 1996

This 28-minute VHS videocassette covers critical safety concerns for emergency medical service personnel: hazardous materials, managing contaminated victims, decontamination, and basic life support.

Ordering Information

Order number AVA19832VNB1CFK, \$50.
Outside U.S., Canada, Mexico \$57.50.

Women in Federal Law Enforcement – Profiles

Federal Law Enforcement Training Center, 1996

This 33-minute VHS videocassette highlights the diverse opportunities available to women in federal law enforcement. Viewers gain an inside look into the opinions, experiences, dreams, and realities of 12 women who are federal law officers.

Ordering Information

Order number AVA19936VNB1CFK, \$60.
Outside U.S., Canada, Mexico \$69.

The Fragile Ring of Life

United States Information Agency, 1997

This award-winning 54-minute VHS videocassette demonstrates the worldwide destruction of coral reefs and some of the efforts made in seven representative countries to save the remaining living reefs. Filmed in Jamaica, Florida, Palau, Egypt, Jordan, Israel, and Sri Lanka.

Ordering Information

Order number AVA19967VNB1CFK, \$60.
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Eagle Has Landed – The Flight of Apollo 11

National Aeronautics and Space Administration, 1969

This program shows man's first moon landing, July 1969, including highlights of the flight of astronauts Armstrong, Aldrin, and Collins from launch through post-recovery activities, with emphasis on initial exploration of the lunar surface. (29 mins., color)

Ordering Information

Order number AVA01547VNB1FK, \$55.
Outside U.S., Canada, Mexico \$64.

The Battle of Midway

Department of Defense, 1942

Presents a brief documentary account of one of the greatest naval and air battles of World War II. (18 mins., color)

Ordering Information

Order number AVA02717VNB1CFK, \$55.
Outside U.S., Canada, Mexico \$64.

The Plow that Broke the Plain

Resettlement Administration, 1936

Depicts the social and economic history of the great plains from the settlement of the prairies, through the World War I boom, to drought and depression. (29 mins., black & white)

Ordering Information

Order number AVA03137VNB1CFK, \$55.
Outside U.S., Canada, Mexico \$64.

The River (Life on the Mississippi River)

Farm Security Administration, 1937

Traces life in the Mississippi River Valley during the last 150 years. The consequences of sharecropping, soil exhaustion, unchecked erosion, and floods are shown. Concludes with scenes of regional planning, Tennessee Valley Authority development, and correlating federal efforts. (32 mins., black & white)

Ordering Information

Order number AVA03630VNB1CFK, \$60.
Outside U.S., Canada, Mexico \$69.

For more information on these and other pre-1990 titles such as Frank Capra's *Why We Fight* series, *African Burial Ground: An American Discovery*, *Pictures of the Civil War*, *Marbury v. Madison*, and biographies of Frederick Douglass, Eleanor Roosevelt, and John F. Kennedy, call the NTIS Sales Desk at (703) 487-4650 and request PR-1001CFK.

Direct Access

If you plan extensive use of any of these databases, or are interested in distributing a database via your host system, please contact the NTIS Office of Product Management at (703) 487-4929 or by fax (703) 487-4134 for more information.

NTIS Database

Updated weekly

The NTIS Database offers unparalleled bibliographic coverage of U.S. government and worldwide government-sponsored research. Contents represent hundreds of billions of research dollars and cover a range of important topics including, agriculture, biotechnology, business, communication, energy, engineering, the environment, health and safety, medicine, research and development, science, space, technology, and transportation. Database summaries describe: technical reports, datafiles, audiovisuals and software.

The NTIS Database can be searched either online or on CD-ROM. If you do not have a computer, check with your library—many have access to the database.

The organizations listed below provide access to the NTIS Database. Call them for more information.

- Canada Institute for Scientific and Technical Information
1-800-668-1222
<http://www.cisti.nrc.ca/>
- DataStar
(Knight-Ridder Information, Inc.)
1-800-334-2564
<http://www.krinfo.com/>
- DIALOG
(Knight-Ridder Information, Inc.)
1-800-334-2564
<http://www.krinfo.com/>
- NERAC, Inc.
(860) 872-7000
<http://www.nerac.com/>
- Ovid Technologies, Inc.
1-800-950-2035
<http://www.ovid.com/>
- Questel-Orbit, Inc.
1-800-456-7248
(703) 442-0900 in Virginia
<http://www.questel.orbit.com/>
- SilverPlatter Information, Inc.
1-800-343-0064
<http://www.silverplatter.com/>
- STN International/
Chemical Abstracts Service
1-800-848-6533
1-800-848-6538 in Ohio and Canada
<http://www.cas.org/>

AGRIS Database

Updated Monthly

The International Information System for the Agricultural Science and Technology Database collects and disseminates information on the world's agricultural literature. More than 100 national and multinational centers participate in creating this database. A large number of the 1 million items announced in AGRIS are not found in any other database. U.S. publications covered in the AGRICOLA Database are not included in AGRIS.

Access to AGRIS is provided by:

- DIALOG (Knight-Ridder Information, Inc.)
1-800-334-2564
<http://www.krinfo.com/>
- National Information Services Corporation
(410) 243-0797
<http://www.nisc.com>

AGRICOLA Database

Updated monthly

The Agricultural Online Access Database is one of the most comprehensive sources of U.S. agricultural and life sciences information. It contains bibliographic records for documents acquired by the National Agricultural Library, U.S. Department of Agriculture. The database contains over 3,300,000 citations to journal articles, monographs, theses, patents, software, audiovisual materials, and technical reports related to agriculture. Topics include agricultural products and engineering, fertilizers, foods, pesticides, plant sciences, and soils.

These companies provide access to the AGRICOLA Database:

- Cambridge Scientific Abstracts
(301) 961-6700
<http://www.csa.com>
- Community of Science, Inc.
(410) 563-2378
<http://cos.gdb.org/>
- DIALOG (Knight-Ridder Information, Inc.)
1-800-334-2564
<http://www.krinfo.com/>
- National Information Services Corporation
(410) 243-0797
<http://www.nisc.com/>
- NERAC, Inc.
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<http://www.nerac.com/>
- OCLC
1-800-848-5878
<http://www.oclc.org/>
- Ovid Technologies, Inc.
1-800-950-2035
<http://www.ovid.com/>
- SilverPlatter Information, Inc.
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<http://www.silverplatter.com/>
- STN International/Chemical Abstracts Service
1-800-848-6533
1-800-848-6538 in Ohio and Canada
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Federal Research in Progress Database (FEDRIP)

Updated monthly

The Federal Research In Progress Database provides advanced information about ongoing federally funded projects in the fields of the physical sciences, engineering, life sciences and more. FEDRIP's uniqueness lies in its structure as a nonbibliographic information source of research in progress. Project descriptions generally include: project title, keywords, start date, estimated completion date, principal investigator, performing and sponsoring organizations, summary, and progress report. Record content varies depending on the source agency.

Anyone needing to keep informed about federally sponsored research projects in the fields of the physical, engineering, and life sciences should use FEDRIP to:

- Avoid research duplication
- Locate sources of support
- Identify leads in the literature
- Stimulate ideas for planning
- Identify gaps in areas of investigation
- Locate individuals with expertise

Information in the FEDRIP Database is compiled from 13 government sources:

- Bureau of Mines
- Department of Agriculture
- Department of Energy
- Department of Veterans Affairs
- Environmental Protection Agency
- Federal Highway Administration
- National Aeronautics and Space Administration
- National Institutes of Health
- National Institute of Standards and Technology
- National Science Foundation
- Nuclear Regulatory Commission
- Small Business Innovation Research Board
- U.S. Geological Survey

These companies provide access to the FEDRIP Database:

- Cartermill International (United Kingdom)
44-171-896-2413
<http://www.cartermill.com/>
- DIALOG (Knight-Ridder Information, Inc.)
1-800-334-2564
<http://www.krinfo.com/>
- Knowledge Express Data Systems
1-800-529-5337
<http://www.knowledgeexpress.com/>
- NERAC, Inc.
(860) 872-7000
<http://www.nerac.com/>

To obtain your free copy of the FEDRIP Database search guide, call the NTIS Sales Desk at (703) 487-4650 and ask for PR-847CFK.

Databases

Energy Science and Technology Database

Updated twice a month

The Energy Science and Technology Database is a multidisciplinary file containing worldwide references to basic and applied scientific and technical research literature. The information is collected for use by government managers, researchers at the national laboratories, and other research efforts sponsored by the U.S. Department of Energy, and the results of this research are transferred to the public.

These companies provide access to the Energy Science and Technology Database:

- DIALOG (Knight-Ridder Information, Inc.)
1-800-334-2564
<http://www.krinfo.com/>
- NERAC, Inc.
(860) 872-7000
<http://www.nerac.com/>
- STN International/Chemical Abstracts Service
1-800-848-6533
1-800-848-6538 in Ohio and Canada
<http://www.cas.org/>

NIOSH Manual of Analytical Methods Database

This database is a compilation of methods for sampling and analysis of contaminants in workplace air, and in the bodily fluids of workers who are occupationally exposed to that air. These methods have been developed to detect concentrations exceeding safe levels of exposure, as regulated by OSHA and recommended by NIOSH.

These companies provide access to the NIOSH Manual of Analytical Methods Database:

- American Conference of Governmental Industrial Hygienists
(513) 742-2020
<http://www.acgih.org/>
- Canadian Centre for Occupational Health and Safety
1-800-668-4284
<http://www.ccohs.ca/>
- WindowChem Software, Inc.
1-800-536-0404
<http://www.windowchem.com/>

NIOSH Pocket Guide to Chemical Hazards Database

A source of general industrial hygiene information quick and convenient for workers, employers, and occupational health professionals. The NIOSH Pocket Guide presents key information and data in abbreviated tabular form for chemicals or substance groupings that are found in the work environment. The industrial hygiene information found in the NPG should help users recognize and control occupational chemical hazards.

These companies provide access to the NIOSH Pocket Guide to Chemical Hazards Database:

- Canadian Centre for Occupational Health and Safety
1-800-668-4284
<http://www.ccohs.ca/>
- Industrial Hygiene Services, Inc.
(314) 993-2397
<http://ourworld.compuserve.com/homepages/ihsi/>
- MICROMEDEX, Inc.
1-800-525-9083
<http://www.mdx.com/>

Immediately Dangerous to Life or Health Concentrations Database

The NIOSH Documentation for the Immediately Dangerous to Life or Health Concentrations Database contains air concentration values used by NIOSH as respirator selection criteria. This compilation is the rationale and sources of information used by NIOSH during the original determination of 387 IDLHs in 1994 and their subsequent review and revision.

Toxicologists, persons concerned with indoor air quality, respirator users, industrial hygienists, and emergency response personnel should access this database to compare NIOSH limits to other limits. It is also valuable to those concerned with acute chemical exposures.

- Access to the IDLHs Database is provided by:
Industrial Hygiene Services, Inc.
(314) 993-2397
<http://ourworld.compuserve.com/homepages/ihsi/>

Certified Equipment List Database

The NIOSH Certified Equipment List Database contains comprehensive certification information on self-contained breathing apparatus, gas masks, supplied air respirators, particulate respirators, chemical cartridges, and powered purifiers.

Manufacturers, labor organizations, industrial hygienists, safety professionals, and emergency response personnel should access this database to ensure that the correct respirator is being used properly.

For information about accessing the NIOSH Certified Equipment List Database, please contact the NTIS Office of Product Management on (703) 487-4929 or by fax (703) 487-4134.

NIOSHTIC Database

Updated quarterly

A bibliographic database of literature in the field of occupational safety and health. About 160 current, English language technical journals provide approximately 35 percent of the additions to NIOSHTIC annually. Retrospective information, some of which is from the 19th century, is also acquired and entered.

Because NIOSH examines all aspects of adverse effects experienced by workers, much of the information contained in NIOSHTIC has been selected from sources that do not have a primary occupational safety and health orientation.

Use NIOSHTIC to access:

- Content specifically focused on issues pertaining to occupational safety and health.
- Technical articles from over 4,000 sources including approximately 160 core journals.
- Information from proceedings of scientific meetings and symposia.
- Approximately 195,000 records with 6,000 new records added each year.
- Records which include CAS numbers; SIC codes and CODEN for improved searching.
- Translations of non-English occupational safety and health articles acquired by NIOSH.

These companies provide access to the NIOSHTIC Database:

- Canadian Centre for Occupational Health and Safety
1-800-668-4284
<http://www.ccohs.ca/>
- DIALOG (Knight-Ridder Information, Inc.)
1-800-334-2564
<http://www.krinfo.com/>
- NERAC, Inc.
(860) 872-7000
<http://www.nerac.com/>
- SilverPlatter Information, Inc.
1-800-343-0064
<http://www.silverplatter.com/>

RTECS Database

Updated Quarterly

The Registry of Toxic Effects of Chemical Substances Database lists the toxic effects of more than 133,000 chemicals. Specific numerical toxicity values are included, as well as species studied and route of administration used. The bibliographic source for each citation is listed. Contains 120,000 citations with 6,000 added annually.

RTECS includes identification of six types of toxicity data including: primary irritation, mutagenic effects, reproductive effects, tumorigenic effects, acute toxicity, and other multiple dose toxicity.

These companies provide access to the RTECS Database:

- Canadian Centre for Occupational Health and Safety
1-800-668-4284
<http://www.ccohs.ca/>
- Chemical Information Systems
1-800-247-8737
<http://www.oxmol.com/>
- Deutsches Institute fuer Medizinische Dokumentation und Information/DIMDI
49-221-4724252
<http://www.dimdi.de/>
- DataStar
(Knight-Ridder Information, Inc.)
(415) 254-7000
1-800-334-2564
44-171-930-7646 in Europe
<http://www.krinfo.com/>
- DIALOG (Knight-Ridder Information, Inc.)
1-800-334-2564
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- MICROMEDEX, Inc.
1-800-525-9083
<http://www.mdx.com/>
- NERAC, Inc.
(860) 872-7000
<http://www.nerac.com/>
- SilverPlatter Information, Inc.
1-800-343-0064
<http://www.silverplatter.com/>
- STN International/Chemical Abstracts Service
1-800-848-6533
1-800-848-6538 in Ohio and Canada
<http://www.cas.org/>

Training and Education

Traveling Overseas?

Metropolitan French FAST, AVA11115AE00CFK, and **Spanish FAST**, AVA11116AE00CFK, are produced by the Foreign Service Institute. Each is designed to provide language skills needed to cope effectively with real life situations encountered when traveling and living abroad. The lessons include using public transportation, ordering meals, and telephoning for assistance, such as for a doctor, household help, or a baby-sitter.

Each of these courses has 10 audiocassettes and text and costs \$120. Outside the U. S., Canada, and Mexico \$138.

These are two of the many foreign language courses offered by NTIS through its National Audiovisual Center.

For more information on these courses, call the NTIS Sales Desk, (703) 487-4650, and ask for PR-1002CFK.

Blasting Hazard Awareness – Surface Coal Mines (Revised)

Mine Safety and Health Administration, Arlington, VA; National Mine Health and Safety Academy, Beaver, WV. 1996 78p

This program is a collection of materials designed for use by trainers in the surface coal mine industry to supplement their own training programs for supervisory and nonsupervisory personnel. The package emphasizes safe work practices in the belief that comprehensive task training, hazard recognition, and clear, concise communication among all at the mine site—blasters and nonblasters alike—are essential for safe blasting.

Ordering Information

Order number PB97-108831CFK, \$25.

Outside U.S., Canada, Mexico \$50.

Color It Confidential

Defense Logistics Agency, Boston, MA. Defense Contract Management District Northeast. 1995, VHS video, 20 minutes, color

Color It Confidential takes a fresh and entertaining approach to explaining the Confidential Financial Disclosure Form or Standard Form 450. Using real life situations, this short film deals with such issues as honoraria, liabilities, assets, spousal employment, gifts, travel reimbursements, and partnerships.

Ordering Information

Order number AVA19804VNB1CFK, \$50.

Outside U.S., Canada, Mexico \$57.50.

Core Curriculum on Tuberculosis – What the Clinician Should Know, 1994 (Slides)

Centers for Disease Control and Prevention, Atlanta, GA. 1994, 82 slides

This set of 82 slides is designed to present basic information about TB that could be useful in developing educational programs for health care professionals. It is also intended for use as a reference manual for clinicians caring for persons at high risk for TB.

Ordering Information

Order number AVA19830SS00CFK, \$50.

Outside U.S., Canada, Mexico \$57.50.

Decontamination Procedures for Hospital Personnel

Department of Veterans Affairs, Indianapolis, IN. Office of Emergency Medical Preparedness. 1996, seven minutes, color, VHS video

Health care workers are becoming increasingly aware of the potential for exposure to hazardous substances. This program provides an overview of decontamination, appropriate equipment, personal protective gear and procedures. Included are demonstrations depicting decontamination of self and/or patients prior to or after arriving at a medical treatment facility.

Ordering Information

Order number AVA19974VNB1CFK, \$50.

Outside U.S., Canada, Mexico \$57.50.

Training and Education

Health and Safety Training for Underground Storage Tank Inspectors. Instructor's Guide

Environmental Protection Agency, Seattle, WA. Region X.
Jun 92 24p

This document is designed for instructors who are presenting a health and safety training course for underground storage tank inspectors.

Ordering Information

Order number PB97-780019CFK, \$19.50.
Outside U.S., Canada, Mexico \$39.

Student's Guide also available as PB97-780027CFK.

Medical Response to Terrorism

Department of Veterans Affairs, Indianapolis, IN.
Office of Emergency Medical Preparedness.
1996 VHS video, 120 minutes, color

This program is an overview of four unique terrorism issues: chemical, biological, blast/crush, and psychological. Each speaker is an experienced expert in his field and addresses information useful to clinicians.

Ordering Information

Order number AVA19975VNB1CFK, \$65.
Outside U.S., Canada, Mexico \$75.

Olympic Spirit – Building Resiliency in Youth (Closed Captioned)

Department of Education, Washington, DC.
1995 VHS video, 16 minutes, color
Includes assorted printed material

This video and accompanying activity guide are designed to provide teachers with a creative and engaging approach to supplementing classroom drug and violence prevention lessons. Themes for this project are drawn from the Olympic Games, as well as the Paralympic Games and Special Olympic World Games, and center around the Olympic ideals of cooperation and teamwork, citizenship, fair play, and setting goals.

Cleared for TV. Can be duplicated with no restrictions. This package also includes a 36-page activity guide, two posters, and one bookmark.

Ordering Information

Order number AVA19787VNB1CFK, \$50.
Outside U.S., Canada, Mexico \$57.50.



RCRA, Superfund and EPCRA Hotline Training Module. Introduction to Solid Waste Programs Updated July 1996

Booz-Allen and Hamilton, Inc., Bethesda, MD; Environmental Protection Agency, Washington, DC. Office of Solid Waste and Emergency Response.
Jul 96 21p

This module focuses on EPA's efforts in two areas: municipal and industrial solid waste. This category includes domestic sewage and other wastewater treatment sludge, demolition and construction wastes, agricultural and mining residues, combustion ash, and industrial process wastes.

Ordering Information

Order number PB96-207246CFK, \$19.50.
Outside U.S., Canada, Mexico \$39.

Sampling for Hazardous Materials (165.9). Student Manual

Environmental Protection Agency, Washington, DC.
Office of Emergency and Remedial Response
Dec 96, 230p

This course provides individuals who have little or no sampling experience with practical information for effectively sampling hazardous materials at Superfund sites. The course focuses on sampling plan development, types of equipment suitable for hazardous materials sampling, and procedures for safely collecting samples. It is intended for personnel responsible for inspections, investigations, and remedial actions at Superfund sites.

Ordering Information

Order number PB96-963248CFK, \$44.
Outside U.S., Canada, Mexico \$88.

Ultimate Job Search Job Seeker's Workbook

Veterans' Employment and Training Service, Washington, DC.
1996 71p

Table of Contents: Starting the Job Search; Effective Job Search Techniques; Writing Resumes & Cover Letters; Interviewing with Confidence; Additional Resources.

Ordering Information

Order number PB97-104566CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

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Military Publications

Army

NTIS currently has over 5,500 of the most requested Army publications available online through our NTIS Web site. This online collection represents only a part of the 25,000+ collection of Army publications available through NTIS. We plan to add these titles, as well as any new releases, to the Web site on an ongoing basis. You can access our Army Manuals & Publications search page at <http://www.ntis.gov/databases/armypub.htm>. This collection is searchable by title, publication number, or keyword.

Air Force

NTIS distributes the Air Force publications and forms through a special arrangement with the U.S. Air Force. More than 3,000 administrative publications and forms are available. If you wish to order AF publications or forms, call the NTIS Sales Desk at (703) 487-4650 to place your order.

Note: You must have the correct publication or form number to place an order.

Navy

Navy regulations, manuals, and pamphlets are also distributed by NTIS through a special arrangement with the Navy Publications and Forms Center. Currently, we have more than 9,000 Navy publications and forms available. If you wish to order Navy publications or forms, call the NTIS Sales Desk at (703) 487-4650 to place your order.

Again, you must have the correct publication number, or preferably the Navy stock number, to place an order.

Note: The Navy Stock List of Publications and Forms will be converted to CD-ROM format sometime this year. No current updates of the stock list were available as this catalog went to print.

Survival

HQ, Department of the Army, Washington, DC.
June, 1992. 648p

This training manual provides comprehensive information on basic skills and psychology for soldier survival in remote or possibly enemy territory. An invaluable reference for soldiers and trainers alike, this book offers in-depth coverage of the psychology of survival; the importance of survival planning and survival kits; basic survival medicine; shelters; water procurement; firecraft; food procurement; survival use of plants (edible, medicinal); poisonous plants; dangerous animals, insects and fish; field expedient weapons, tool and equipment; desert, tropical, cold weather and sea survival; water crossing; direction finding; signaling techniques; survival movement in hostile areas; camouflage; contact with people; and nuclear, biological and chemical hazard survival.

Ordering Information

Order number FM21-76CFK, \$85.
Outside U.S., Canada, Mexico \$170.

Consolidated Index of Army Publications and Blank Forms (DA PAM 25-30) (on CD-ROM)

Army Publications and Printing Agency, Alexandria, VA.
1 Apr 93 CD-ROM

The Index to the Army's current technical and field manuals and regulations is now available directly from NTIS. It provides ready access to the current Army publications inventory, and provides an alpha-numeric listing of the approximately 63,000 items available under the authority of the Army Publications and Printing Agency. The major collections administered by the agency are the technical manuals, field manuals, Army regulations, lubrication orders, and technical bulletins. For identification purposes, the Index also provides a cross reference of National Stock Numbers (NSN) to the appropriate publication number. NTIS is not authorized to distribute classified or limited distribution items.

Also available on microfiche. Requires microsoft extensions. Includes user instructions.

Ordering Information

Order number SUB-5255CFK, \$260.
Outside the U.S., Canada, Mexico \$520.

Issued quarterly. Also available individually, price \$65.

Index of Standard and Recurring Air Force Publications (AFRO-2)

Department of the Air Force, Washington, D.C.
1997

The *Index of Standard and Recurring Air Force Publications* will allow you to keep up with publications and forms on a regular basis.

Updates of this publication are available as a single copy or as an ongoing subscription. Credit card or NTIS deposit account required. Call the NTIS Subscriptions Department at (703) 487-4630 to order.

Ordering Information

Order number PB97-939801CFK, \$19.50.
Outside U.S., Canada, Mexico \$39.

Price is based upon number of issues. Updates are issued approximately four times a year for an annual cost of \$80 for U.S., Canada, and Mexico; \$160 for all other addresses.

Military Publications

Defense Library on Disc (on CD-ROM)

Pentagon Library, Washington, DC; National Defense University, Washington, DC.
1992 CD-ROM

The data file includes the three major Department of Defense library resources: the Pentagon Library Catalog; the National Defense University Library Catalog; and the Staff College Automated Military Periodicals Index. The Pentagon and NDU library catalogs contain more than 210,000 records and cover a wide range of subjects, including international affairs, political science, military affairs, management, logistics, mobilization, computer science, and U.S. law. SCAMPI has strong emphasis on joint operations, operational warfare, and military affairs. It covers selected military periodicals, government documents, and reports. Collections include books, periodicals, video cassettes, unclassified documents, loose-leaf services, sound recordings, and microforms.

Specifications

The datafile is on one disc, ISO 9660.
Includes search/retrieval software on two 360 5.25 in. diskettes, double sided and user instructions.
System: IBM XT/AT, 386, or DOS compatible; a CD-ROM drive; PC DOS oper. sys. Min. 512K Mb req. 640K Mb suggested. 20Mb hard disk drive is highly recommended. Color Monitor, VGA and EGA required.
Microsoft CD Extensions V.2.X installed under MS-DOS V.3X.

Ordering Information

Order number SUB-5264CFK, \$200.
Outside the U.S., Canada, Mexico \$400.
Issued twice a year.

FERET (Face Recognition Technology) Recognition Algorithm Development and Test Results

Army Research Laboratory, Adelphi, MD.
Oct 96 72p

As part of the Face Recognition Technology (FERET) program, the U.S. Army Research Laboratory conducted supervised government tests and evaluations of automatic face recognition algorithms. The goal of the tests was to provide an independent method of evaluating algorithms and assessing the state of the art in automatic face recognition. This report describes the design and presents the results of the August 1994 and March 1995 FERET tests. Results for FERET tests administered by ARL between August 1994 and 1996 are reported.

Ordering Information

Order number AD-A315 841/7CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

Foreign Ownership Restrictions in Communications and "Cultural" Trade – National Security Implications

Industrial College of the Armed Forces, Washington, DC.
Apr 96 40p

This document looks at the original national security concerns giving rise to foreign ownership restrictions in communications. It presents the case that information technologies have long since outstripped any effectiveness U.S. government licensing may have had in preventing foreign agents from transmitting espionage or propaganda radio messages during wartime.

Ordering Information

Order number AD-A314 840/0CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

Mobilizing U.S. Industry in World War II

National Defense University, Washington, DC; Institute for National Strategic Studies.
Aug 96 170p

Contents include: Mobilization Activities Before Pearl Harbor Day; Education for Mobilization; Interwar Planning for Industrial Mobilization; Mobilizing for War: 1939 to 1941; The War Production Board; The Controlled Materials Ban; The Office of War Mobilization and Reconversion; U.S. Production in World War II; Balancing Military and Civilian Needs; Overcoming Raw Material Scarcities; Maritime Construction; and People Mobilization: 'Rosie the Riveter'.

Ordering Information

Order number AD-A316 780/6CFK, \$35.
Outside U.S., Canada, Mexico \$70.

Persian Gulf War – Military Doctrine and Strategy

Industrial College of the Armed Forces, Washington, DC.
Apr 96 75p

This document analyzes the effects of military doctrine and strategy in the Persian Gulf War. In particular, it focuses on U. S. Air Force airpower doctrine and its contribution to the success of the Gulf conflict. Explores the outcome based on Iraqi and the U.S. performances and experiences of that war, and draws lessons about forces, weapons, combat doctrine, and the role of airpower.

Ordering Information

Order number AD-A314 740/2CFK, \$21.50.
Outside U.S., Canada, Mexico \$43.

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Military Publications

Project Partnership Kit

Army Engineer Institute for Water Resources, Fort Belvoir, VA.
Mar 96 77p

The U.S. Army Corps of Engineers is the federal government's largest water resources development and management agency, representing federal interests in commercial navigation, flood damage reduction, environmental restoration, and other resource needs. Through their Civil Works mission, they provide local communities with opportunities to meet water resources needs where there is both a local and national interest. Water resources activities are initiated by local interests, authorized by Congress, funded by federal and nonfederal sources, and constructed by private contractors supervised by the Corps under the Civil Works program. This document is for state, county, or local governments or agencies interested in joining with the Corps to sponsor Civil Works projects addressing water resources and related land problems and opportunities.

Ordering Information

Order number AD-A311 231/5CFK, \$25.
Outside U.S., Canada, Mexico \$50.

Risk Analysis for Dam Safety Evaluation – Hydrologic Risk

Army Engineer Institute for Water Resources, Fort Belvoir, VA.
Mar 96 82p

This study examines the employment of detailed stochastic descriptions of rainfall and runoff processes, and performance improvements in warning systems, dams, and other structures. A detailed stochastic analysis of hydrologic risk possibly will give decision-makers more information about the implications of adopting alternative solutions to dam safety problems. Proposes the use of quantitative risk analysis as a complement to current design standard analysis practices.

Ordering Information

Order number AD-A316 926/5CFK, \$25.
Outside U.S., Canada, Mexico \$50.

Stress, Health and Performance in Military Women. Prospects, Pitfalls Protean Patterns from Current Research

Uniformed Services University of the Health Sciences, Bethesda, MD,
Department of Psychiatry.
1996 469p

This volume examines the psychological, behavioral, cognitive, and physiological responses to traumatic events of women in the military services. The authors examine the effects of wartime deployment to the Persian Gulf, and the traumatic relocation of military families in the wake of Hurricane Andrew. They talk with health care and disaster workers following a mass casualty plane crash at Ramstein Air Force Base; and the spouses of military disaster workers after a mass casualty plane crash on an Air Force Reserve Base in Sioux City, Iowa.

Ordering Information

Order number AD-A311 646/4CFK, \$57.
Outside U.S., Canada, Mexico \$114.

Veterans and Agent Orange – Update 1996

Institute of Medicine, Washington, DC, Division of Health Promotion and Disease Prevention; Sponsored by Department of Veterans Affairs, Washington, DC.
1996 383p

This book updates and evaluates the available scientific evidence regarding statistical associations between diseases and exposure to dioxin and other chemical compounds in herbicides used in Vietnam, focusing on new scientific studies and literature published since the release of *Veterans and Agent Orange* (1994). The update focuses on the relationship between exposure to herbicides and the development of birth defects and transient peripheral neuropathy, as well as the relationship between exposure to herbicides and the subsequent development of prostate, hepatobiliary, nasopharyngeal, and other cancers. Reviews and summarizes the strength of scientific evidence concerning the association between herbicide use in Vietnam and diseases suspected to be associated with such exposure.

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Department of the Army, Washington, DC.
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January 97 213p

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A08	\$62.00	\$69.00	E08	\$70.00
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A10	\$76.00	\$84.00	E10	\$84.00
A11	\$82.00	\$90.50	E11	\$90.00
A12	\$88.00	\$97.00	E12	\$99.00
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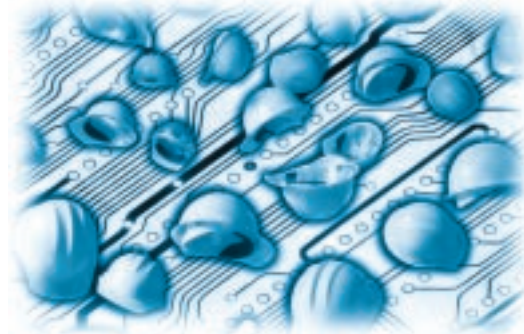
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